APPENDIX E: LABORATORY FORM 1S

ATTACHMENT E-1: SIM ANALYSES
ATTACHMENT E-2: TISSUE CHEMISTRY
ATTACHMENT E-3: SEDIMENT CHEMISTRY

Attachment E-1: SIM Analyses

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

Client ID	FBP	PHL	FPH	CPL	DCB	NBZ	TBP	TER	TOT OUT
MB-031705	51.6%	47.5%	51.5%	49.3%	46.4%	49.2%	50.9%	68.4%	0
LCS-031705	68.8%	70.7%	71.5%	68.8%	67.2%	67.6%	70.9%	87.6%	0
SRM SQ-1	63.2%	59.5%	58.1%	54.7%	51.6%	56.4%	76.5%	78.8%	0
LDW-C2-S2	51.2%	49.6%	46.4%	46.7%	38.0%	43.6%	63.2%	58.8%	0
LDW-C3-S1	58.8%	61.6%	59.2%	59.2%	51.2%	56.0%	74.4%	70.8%	0
LDW-C3-S2	61.6%	59.2%	56.8%	59.7%	50.4%	56.4%	80.8%	75.2%	0
LDW-C4-S	55.6%	56.0%	48.0%	53.3%	44.0%	50.0%	66.9%	61.2%	0
LDW-C5-S	62.0%	58.4%	57.3%	57.3%	46.0%	53.6%	76.8%	69.6%	0
LDW-C6-S	57.6%	57.1%	54.9%	53.9%	46.8%	55.2%	69.9%	66.8%	0
LDW-C9-S	58.8%	56.5%	52.3%	55.7%	44.0%	50.8%	68.8%	65.6%	0
LDW-B1a-S	46.8%	45.1%	45.3%	45.9%	39.2%	41.6%	57.1%	58.0%	0
LDW-B1a-S MS	56.0%	58.4%	56.8%	56.3%	46.8%	50.4%	67.7%	66.8%	0
LDW-B1a-S MSD	55.2%	58.9%	56.3%	55.5%	45.2%	49.2%	67.5%	66.0%	0
LDW-B2a-S	57.2%	56.0%	57.1%	55.7%	48.8%	50.8%	75.2%	68.8%	0
LDW-B3a-S	51.6%	49.1%	46.4%	48.5%	43.2%	48.0%	60.0%	56.4%	0
LDW-B10b-S	52.4%	51.2%	48.5%	49.9%	40.0%	45.2%	66.9%	63.2%	0
LDW-B1b-S	58.8%	54.4%	54.4%	54.9%	50.0%	54.4%	66.1%	62.4%	0
LDW-B8b-S	56.0%	50.9%	47.2%	49.1%	41.6%	48.8%	69.9%	65.2%	0
LDW-B9b-S	37.2%	33.1%	32.5%	32.5%	24.8%*	30.4%	52.3%	51.6%	1
LDW-B10a-S	59.6%	56.5%	49.9%	55.5%	46.4%	54.8%	71.5%	68.4%	0

	LCS/MB LIMITS	QC LIMITS
(FBP) = 2-Fluorobiphenyl	(30-160)	(30-160)
(PHL) = d5-Phenol	(30-160)	(30-160)
(FPH) = 2-Fluorophenol	(30-160)	(30-160)
(CPL) = d4-2-Chlorophenol	(30-160)	(30-160)
(DCB) = d4-1,2-Dichlorobenzene	(30-160)	(30-160)
(NBZ) = d5-Nitrobenzene	(30-160)	(30-160)
(TBP) = 2,4,6-Tribromophenol	(30-160)	(30-160)
(TER) = d14-p-Terphenyl	(30-160)	(30-160)

Prep Method: SW3550B
Log Number Range: 05-5026 to 05-5076

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: SQ-1 031705**
Page 1 of 1 **STANDARD REFERENCE**

Lab Sample ID: SRM-031705
LIMS ID: 05-5026
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: NA
Date Received: NA

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 15:40
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 1.79 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 40.2 %
pH: 6.0

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**28**	**120**
205-99-2	**Benzo(b)fluoranthene**	**28**	**130**
50-32-8	**Benzo(a)pyrene**	**28**	**120**
193-39-5	Indeno(1,2,3-cd)pyrene	28	< 28 U
106-46-7	1,4-Dichlorobenzene	28	< 28 U
120-82-1	1,2,4-Trichlorobenzene	28	< 28 U
118-74-1	Hexachlorobenzene	28	< 28 U
87-68-3	Hexachlorobutadiene	28	< 28 U
65-85-0	**Benzoic Acid**	**280**	**400**
131-11-3	Dimethylphthalate	28	< 28 U
84-66-2	**Diethylphthalate**	**28**	**53 B**
85-68-7	Butylbenzylphthalate	28	< 28 U
95-48-7	2-Methylphenol	28	< 28 U
105-67-9	2,4-Dimethylphenol	28	< 28 U
86-30-6	N-Nitrosodiphenylamine	28	< 28 U
100-51-6	Benzyl Alcohol	140	< 140 U
87-86-5	**Pentachlorophenol**	**140**	**440**
95-50-1	1,2-Dichlorobenzene	28	< 28 U
621-64-7	N-Nitroso-Di-N-Propylamine	140	< 140 U
62-75-9	N-Nitrosodimethylamine	140	< 140 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	63.2%	d5-Phenol	59.5%
2-Fluorophenol	58.1%	d4-2-Chlorophenol	54.7%
d4-1,2-Dichlorobenzene	51.6%	d5-Nitrobenzene	56.4%
2,4,6-Tribromophenol	76.5%	d14-p-Terphenyl	78.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-C2-S2**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45A
LIMS ID: 05-5026
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/26/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 16:12
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.72 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 35.8 %
pH: 6.9

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.5**	**25**
205-99-2	**Benzo(b)fluoranthene**	**6.5**	**20**
50-32-8	**Benzo(a)pyrene**	**6.5**	**26**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.5**	**16**
106-46-7	1,4-Dichlorobenzene	6.5	< 6.5 U
120-82-1	1,2,4-Trichlorobenzene	6.5	< 6.5 U
118-74-1	Hexachlorobenzene	6.5	< 6.5 U
87-68-3	Hexachlorobutadiene	6.5	< 6.5 U
65-85-0	**Benzoic Acid**	**65**	**79**
131-11-3	Dimethylphthalate	6.5	< 6.5 U
84-66-2	**Diethylphthalate**	**6.5**	**6.5 B**
85-68-7	Butylbenzylphthalate	6.5	< 6.5 U
95-48-7	2-Methylphenol	6.5	< 6.5 U
105-67-9	2,4-Dimethylphenol	6.5	< 6.5 U
86-30-6	N-Nitrosodiphenylamine	6.5	< 6.5 U
100-51-6	Benzyl Alcohol	32	< 32 U
87-86-5	Pentachlorophenol	32	< 32 U
95-50-1	1,2-Dichlorobenzene	6.5	< 6.5 U
621-64-7	N-Nitroso-Di-N-Propylamine	32	< 32 U
62-75-9	N-Nitrosodimethylamine	32	< 32 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	51.2%	d5-Phenol	49.6%
2-Fluorophenol	46.4%	d4-2-Chlorophenol	46.7%
d4-1,2-Dichlorobenzene	38.0%	d5-Nitrobenzene	43.6%
2,4,6-Tribromophenol	63.2%	d14-p-Terphenyl	58.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-C3-S1**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45B
LIMS ID: 05-5027
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/29/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 16:44
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.65 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 23.8 %
pH: 6.8

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.5**	**110**
205-99-2	**Benzo(b)fluoranthene**	**6.5**	**85**
50-32-8	**Benzo(a)pyrene**	**6.5**	**99**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.5**	**61**
106-46-7	1,4-Dichlorobenzene	6.5	< 6.5 U
120-82-1	1,2,4-Trichlorobenzene	6.5	< 6.5 U
118-74-1	Hexachlorobenzene	6.5	< 6.5 U
87-68-3	Hexachlorobutadiene	6.5	< 6.5 U
65-85-0	**Benzoic Acid**	**65**	**66**
131-11-3	Dimethylphthalate	6.5	< 6.5 U
84-66-2	Diethylphthalate	6.5	< 6.5 U
85-68-7	Butylbenzylphthalate	6.5	< 6.5 U
95-48-7	2-Methylphenol	6.5	< 6.5 U
105-67-9	2,4-Dimethylphenol	6.5	< 6.5 U
86-30-6	N-Nitrosodiphenylamine	6.5	< 6.5 U
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	Pentachlorophenol	33	< 33 U
95-50-1	1,2-Dichlorobenzene	6.5	< 6.5 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	58.8%	d5-Phenol	61.6%
2-Fluorophenol	59.2%	d4-2-Chlorophenol	59.2%
d4-1,2-Dichlorobenzene	51.2%	d5-Nitrobenzene	56.0%
2,4,6-Tribromophenol	74.4%	d14-p-Terphenyl	70.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-C3-S2**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45C
LIMS ID: 05-5028
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/29/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 17:16
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 2.89 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 28.0 %
pH: 6.9

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**17**	**38**
205-99-2	**Benzo(b)fluoranthene**	**17**	**35**
50-32-8	**Benzo(a)pyrene**	**17**	**43**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**17**	**26**
106-46-7	1,4-Dichlorobenzene	17	< 17 U
120-82-1	1,2,4-Trichlorobenzene	17	< 17 U
118-74-1	Hexachlorobenzene	17	< 17 U
87-68-3	Hexachlorobutadiene	17	< 17 U
65-85-0	Benzoic Acid	170	< 170 U
131-11-3	Dimethylphthalate	17	< 17 U
84-66-2	Diethylphthalate	17	< 17 U
85-68-7	Butylbenzylphthalate	17	< 17 U
95-48-7	2-Methylphenol	17	< 17 U
105-67-9	2,4-Dimethylphenol	17	< 17 U
86-30-6	N-Nitrosodiphenylamine	17	< 17 U
100-51-6	Benzyl Alcohol	86	< 86 U
87-86-5	Pentachlorophenol	86	< 86 U
95-50-1	1,2-Dichlorobenzene	17	< 17 U
621-64-7	N-Nitroso-Di-N-Propylamine	86	< 86 U
62-75-9	N-Nitrosodimethylamine	86	< 86 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	61.6%	d5-Phenol	59.2%
2-Fluorophenol	56.8%	d4-2-Chlorophenol	59.7%
d4-1,2-Dichlorobenzene	50.4%	d5-Nitrobenzene	56.4%
2,4,6-Tribromophenol	80.8%	d14-p-Terphenyl	75.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-C4-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45D
LIMS ID: 05-5029
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/27/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 17:49
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.53 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 31.7 %
pH: 6.8

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.6**	**100**
205-99-2	**Benzo(b)fluoranthene**	**6.6**	**98**
50-32-8	**Benzo(a)pyrene**	**6.6**	**170**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.6**	**84**
106-46-7	1,4-Dichlorobenzene	6.6	< 6.6 U
120-82-1	1,2,4-Trichlorobenzene	6.6	< 6.6 U
118-74-1	Hexachlorobenzene	6.6	< 6.6 U
87-68-3	Hexachlorobutadiene	6.6	< 6.6 U
65-85-0	**Benzoic Acid**	**66**	**100**
131-11-3	Dimethylphthalate	6.6	< 6.6 U
84-66-2	Diethylphthalate	6.6	< 6.6 U
85-68-7	Butylbenzylphthalate	6.6	< 6.6 U
95-48-7	2-Methylphenol	6.6	< 6.6 U
105-67-9	2,4-Dimethylphenol	6.6	< 6.6 U
86-30-6	N-Nitrosodiphenylamine	6.6	< 6.6 U
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	**Pentachlorophenol**	**33**	**130**
95-50-1	1,2-Dichlorobenzene	6.6	< 6.6 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	55.6%	d5-Phenol	56.0%
2-Fluorophenol	48.0%	d4-2-Chlorophenol	53.3%
d4-1,2-Dichlorobenzene	44.0%	d5-Nitrobenzene	50.0%
2,4,6-Tribromophenol	66.9%	d14-p-Terphenyl	61.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-C5-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45E
LIMS ID: 05-5030
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/27/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 18:20
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.82 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 22.1 %
pH: 6.7

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.4**	**410**
205-99-2	**Benzo(b)fluoranthene**	**6.4**	**390**
50-32-8	**Benzo(a)pyrene**	**6.4**	**390**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.4**	**200**
106-46-7	1,4-Dichlorobenzene	6.4	< 6.4 U
120-82-1	1,2,4-Trichlorobenzene	6.4	< 6.4 U
118-74-1	Hexachlorobenzene	6.4	< 6.4 U
87-68-3	Hexachlorobutadiene	6.4	< 6.4 U
65-85-0	**Benzoic Acid**	**64**	**600**
131-11-3	Dimethylphthalate	6.4	< 6.4 U
84-66-2	Diethylphthalate	6.4	< 6.4 U
85-68-7	**Butylbenzylphthalate**	**6.4**	**39**
95-48-7	2-Methylphenol	6.4	< 6.4 U
105-67-9	2,4-Dimethylphenol	6.4	< 6.4 U
86-30-6	N-Nitrosodiphenylamine	6.4	< 6.4 U
100-51-6	Benzyl Alcohol	32	< 32 U
87-86-5	**Pentachlorophenol**	**32**	**44**
95-50-1	1,2-Dichlorobenzene	6.4	< 6.4 U
621-64-7	N-Nitroso-Di-N-Propylamine	32	< 32 U
62-75-9	N-Nitrosodimethylamine	32	< 32 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	62.0%	d5-Phenol	58.4%
2-Fluorophenol	57.3%	d4-2-Chlorophenol	57.3%
d4-1,2-Dichlorobenzene	46.0%	d5-Nitrobenzene	53.6%
2,4,6-Tribromophenol	76.8%	d14-p-Terphenyl	69.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-C6-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45F
LIMS ID: 05-5031
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/25/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 18:52
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.52 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 31.6 %
pH: 7.0

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.6**	**37**
205-99-2	**Benzo(b)fluoranthene**	**6.6**	**54**
50-32-8	**Benzo(a)pyrene**	**6.6**	**41**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.6**	**32**
106-46-7	1,4-Dichlorobenzene	6.6	< 6.6 U
120-82-1	1,2,4-Trichlorobenzene	6.6	< 6.6 U
118-74-1	Hexachlorobenzene	6.6	< 6.6 U
87-68-3	Hexachlorobutadiene	6.6	< 6.6 U
65-85-0	**Benzoic Acid**	**66**	**89**
131-11-3	Dimethylphthalate	6.6	< 6.6 U
84-66-2	Diethylphthalate	6.6	< 6.6 U
85-68-7	Butylbenzylphthalate	6.6	< 6.6 U
95-48-7	2-Methylphenol	6.6	< 6.6 U
105-67-9	2,4-Dimethylphenol	6.6	< 6.6 U
86-30-6	N-Nitrosodiphenylamine	6.6	< 6.6 U
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	Pentachlorophenol	33	< 33 U
95-50-1	1,2-Dichlorobenzene	6.6	< 6.6 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	57.6%	d5-Phenol	57.1%
2-Fluorophenol	54.9%	d4-2-Chlorophenol	53.9%
d4-1,2-Dichlorobenzene	46.8%	d5-Nitrobenzene	55.2%
2,4,6-Tribromophenol	69.9%	d14-p-Terphenyl	66.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-C9-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45G
LIMS ID: 05-5032
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/15/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 19:24
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.76 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 22.7 %
pH: 6.7

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.4**	**11**
205-99-2	**Benzo(b)fluoranthene**	**6.4**	**15**
50-32-8	**Benzo(a)pyrene**	**6.4**	**9.7**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.4**	**10**
106-46-7	1,4-Dichlorobenzene	6.4	< 6.4 U
120-82-1	1,2,4-Trichlorobenzene	6.4	< 6.4 U
118-74-1	Hexachlorobenzene	6.4	< 6.4 U
87-68-3	Hexachlorobutadiene	6.4	< 6.4 U
65-85-0	**Benzoic Acid**	**64**	**270**
131-11-3	Dimethylphthalate	6.4	< 6.4 U
84-66-2	Diethylphthalate	6.4	< 6.4 U
85-68-7	Butylbenzylphthalate	6.4	< 6.4 U
95-48-7	2-Methylphenol	6.4	< 6.4 U
105-67-9	2,4-Dimethylphenol	6.4	< 6.4 U
86-30-6	N-Nitrosodiphenylamine	6.4	< 6.4 U
100-51-6	Benzyl Alcohol	32	< 32 U
87-86-5	Pentachlorophenol	32	< 32 U
95-50-1	1,2-Dichlorobenzene	6.4	< 6.4 U
621-64-7	N-Nitroso-Di-N-Propylamine	32	< 32 U
62-75-9	N-Nitrosodimethylamine	32	< 32 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	58.8%	d5-Phenol	56.5%
2-Fluorophenol	52.3%	d4-2-Chlorophenol	55.7%
d4-1,2-Dichlorobenzene	44.0%	d5-Nitrobenzene	50.8%
2,4,6-Tribromophenol	68.8%	d14-p-Terphenyl	65.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B1a-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45H
LIMS ID: 05-5033
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/12/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 19:57
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.66 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 19.4 %
pH: 6.8

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.5**	**29**
205-99-2	**Benzo(b)fluoranthene**	**6.5**	**44**
50-32-8	**Benzo(a)pyrene**	**6.5**	**35**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.5**	**26**
106-46-7	1,4-Dichlorobenzene	6.5	< 6.5 U
120-82-1	1,2,4-Trichlorobenzene	6.5	< 6.5 U
118-74-1	Hexachlorobenzene	6.5	< 6.5 U
87-68-3	Hexachlorobutadiene	6.5	< 6.5 U
65-85-0	**Benzoic Acid**	**65**	**500**
131-11-3	Dimethylphthalate	6.5	< 6.5 U
84-66-2	Diethylphthalate	6.5	< 6.5 U
85-68-7	Butylbenzylphthalate	6.5	< 6.5 U
95-48-7	2-Methylphenol	6.5	< 6.5 U
105-67-9	2,4-Dimethylphenol	6.5	< 6.5 U
86-30-6	N-Nitrosodiphenylamine	6.5	< 6.5 U
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	Pentachlorophenol	33	< 33 U
95-50-1	1,2-Dichlorobenzene	6.5	< 6.5 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	46.8%	d5-Phenol	45.1%
2-Fluorophenol	45.3%	d4-2-Chlorophenol	45.9%
d4-1,2-Dichlorobenzene	39.2%	d5-Nitrobenzene	41.6%
2,4,6-Tribromophenol	57.1%	d14-p-Terphenyl	58.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B2a-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45I
LIMS ID: 05-5034
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/13/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 21:32
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.58 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 46.0 %
pH: 6.6

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.6**	**280**
205-99-2	**Benzo(b)fluoranthene**	**6.6**	**260**
50-32-8	**Benzo(a)pyrene**	**6.6**	**280**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.6**	**130**
106-46-7	1,4-Dichlorobenzene	6.6	< 6.6 U
120-82-1	1,2,4-Trichlorobenzene	6.6	< 6.6 U
118-74-1	Hexachlorobenzene	6.6	< 6.6 U
87-68-3	Hexachlorobutadiene	6.6	< 6.6 U
65-85-0	**Benzoic Acid**	**66**	**69**
131-11-3	Dimethylphthalate	6.6	< 6.6 U
84-66-2	Diethylphthalate	6.6	< 6.6 U
85-68-7	Butylbenzylphthalate	6.6	< 6.6 U
95-48-7	2-Methylphenol	6.6	< 6.6 U
105-67-9	2,4-Dimethylphenol	6.6	< 6.6 U
86-30-6	N-Nitrosodiphenylamine	6.6	< 6.6 U
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	Pentachlorophenol	33	< 33 U
95-50-1	1,2-Dichlorobenzene	6.6	< 6.6 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	57.2%	d5-Phenol	56.0%
2-Fluorophenol	57.1%	d4-2-Chlorophenol	55.7%
d4-1,2-Dichlorobenzene	48.8%	d5-Nitrobenzene	50.8%
2,4,6-Tribromophenol	75.2%	d14-p-Terphenyl	68.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B3a-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45J
LIMS ID: 05-5035
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/26/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 22:04
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.57 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 37.1 %
pH: 7.1

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.6**	**28**
205-99-2	**Benzo(b)fluoranthene**	**6.6**	**27**
50-32-8	**Benzo(a)pyrene**	**6.6**	**20**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.6**	**7.9**
106-46-7	1,4-Dichlorobenzene	6.6	< 6.6 U
120-82-1	1,2,4-Trichlorobenzene	6.6	< 6.6 U
118-74-1	Hexachlorobenzene	6.6	< 6.6 U
87-68-3	Hexachlorobutadiene	6.6	< 6.6 U
65-85-0	**Benzoic Acid**	**66**	**220**
131-11-3	Dimethylphthalate	6.6	< 6.6 U
84-66-2	Diethylphthalate	6.6	< 6.6 U
85-68-7	Butylbenzylphthalate	6.6	< 6.6 U
95-48-7	2-Methylphenol	6.6	< 6.6 U
105-67-9	2,4-Dimethylphenol	6.6	< 6.6 U
86-30-6	N-Nitrosodiphenylamine	6.6	< 6.6 U
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	Pentachlorophenol	33	< 33 U
95-50-1	1,2-Dichlorobenzene	6.6	< 6.6 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	51.6%	d5-Phenol	49.1%
2-Fluorophenol	46.4%	d4-2-Chlorophenol	48.5%
d4-1,2-Dichlorobenzene	43.2%	d5-Nitrobenzene	48.0%
2,4,6-Tribromophenol	60.0%	d14-p-Terphenyl	56.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B10b-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45K
LIMS ID: 05-5036
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/19/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 22:36
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.78 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 32.5 %
pH: 6.8

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.4**	**13**
205-99-2	**Benzo(b)fluoranthene**	**6.4**	**17**
50-32-8	**Benzo(a)pyrene**	**6.4**	**15**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.4**	**14**
106-46-7	1,4-Dichlorobenzene	6.4	< 6.4 U
120-82-1	1,2,4-Trichlorobenzene	6.4	< 6.4 U
118-74-1	Hexachlorobenzene	6.4	< 6.4 U
87-68-3	Hexachlorobutadiene	6.4	< 6.4 U
65-85-0	**Benzoic Acid**	**64**	**300**
131-11-3	Dimethylphthalate	6.4	< 6.4 U
84-66-2	Diethylphthalate	6.4	< 6.4 U
85-68-7	Butylbenzylphthalate	6.4	< 6.4 U
95-48-7	2-Methylphenol	6.4	< 6.4 U
105-67-9	2,4-Dimethylphenol	6.4	< 6.4 U
86-30-6	N-Nitrosodiphenylamine	6.4	< 6.4 U
100-51-6	Benzyl Alcohol	32	< 32 U
87-86-5	Pentachlorophenol	32	< 32 U
95-50-1	1,2-Dichlorobenzene	6.4	< 6.4 U
621-64-7	N-Nitroso-Di-N-Propylamine	32	< 32 U
62-75-9	N-Nitrosodimethylamine	32	< 32 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	52.4%	d5-Phenol	51.2%
2-Fluorophenol	48.5%	d4-2-Chlorophenol	49.9%
d4-1,2-Dichlorobenzene	40.0%	d5-Nitrobenzene	45.2%
2,4,6-Tribromophenol	66.9%	d14-p-Terphenyl	63.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B1b-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45L
LIMS ID: 05-5037
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 09/27/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 23:08
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.92 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 21.1 %
pH: 7.2

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.3**	**17**
205-99-2	**Benzo(b)fluoranthene**	**6.3**	**25**
50-32-8	**Benzo(a)pyrene**	**6.3**	**20**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.3**	**11**
106-46-7	1,4-Dichlorobenzene	6.3	< 6.3 U
120-82-1	1,2,4-Trichlorobenzene	6.3	< 6.3 U
118-74-1	Hexachlorobenzene	6.3	< 6.3 U
87-68-3	Hexachlorobutadiene	6.3	< 6.3 U
65-85-0	**Benzoic Acid**	**63**	**72**
131-11-3	Dimethylphthalate	6.3	< 6.3 U
84-66-2	Diethylphthalate	6.3	< 6.3 U
85-68-7	Butylbenzylphthalate	6.3	< 6.3 U
95-48-7	2-Methylphenol	6.3	< 6.3 U
105-67-9	2,4-Dimethylphenol	6.3	< 6.3 U
86-30-6	N-Nitrosodiphenylamine	6.3	< 6.3 U
100-51-6	Benzyl Alcohol	32	< 32 U
87-86-5	Pentachlorophenol	32	< 32 U
95-50-1	1,2-Dichlorobenzene	6.3	< 6.3 U
621-64-7	N-Nitroso-Di-N-Propylamine	32	< 32 U
62-75-9	N-Nitrosodimethylamine	32	< 32 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	58.8%	d5-Phenol	54.4%
2-Fluorophenol	54.4%	d4-2-Chlorophenol	54.9%
d4-1,2-Dichlorobenzene	50.0%	d5-Nitrobenzene	54.4%
2,4,6-Tribromophenol	66.1%	d14-p-Terphenyl	62.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B8b-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45M
LIMS ID: 05-5038
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/19/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 23:41
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.65 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 45.5 %
pH: 7.3

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.5**	**39**
205-99-2	**Benzo(b)fluoranthene**	**6.5**	**58**
50-32-8	**Benzo(a)pyrene**	**6.5**	**50**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.5**	**40**
106-46-7	1,4-Dichlorobenzene	6.5	< 6.5 U
120-82-1	1,2,4-Trichlorobenzene	6.5	< 6.5 U
118-74-1	Hexachlorobenzene	6.5	< 6.5 U
87-68-3	Hexachlorobutadiene	6.5	< 6.5 U
65-85-0	**Benzoic Acid**	**65**	**110**
131-11-3	Dimethylphthalate	6.5	< 6.5 U
84-66-2	Diethylphthalate	6.5	< 6.5 U
85-68-7	Butylbenzylphthalate	6.5	< 6.5 U
95-48-7	2-Methylphenol	6.5	< 6.5 U
105-67-9	2,4-Dimethylphenol	6.5	< 6.5 U
86-30-6	N-Nitrosodiphenylamine	6.5	< 6.5 U
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	Pentachlorophenol	33	< 33 U
95-50-1	1,2-Dichlorobenzene	6.5	< 6.5 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.0%	d5-Phenol	50.9%
2-Fluorophenol	47.2%	d4-2-Chlorophenol	49.1%
d4-1,2-Dichlorobenzene	41.6%	d5-Nitrobenzene	48.8%
2,4,6-Tribromophenol	69.9%	d14-p-Terphenyl	65.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B9b-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV45N
LIMS ID: 05-5039
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/11/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/19/05 00:13
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.54 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 37.4 %
pH: 7.3

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.6**	**51**
205-99-2	**Benzo(b)fluoranthene**	**6.6**	**61**
50-32-8	**Benzo(a)pyrene**	**6.6**	**49**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.6**	**44**
106-46-7	1,4-Dichlorobenzene	6.6	< 6.6 U
120-82-1	1,2,4-Trichlorobenzene	6.6	< 6.6 U
118-74-1	Hexachlorobenzene	6.6	< 6.6 U
87-68-3	Hexachlorobutadiene	6.6	< 6.6 U
65-85-0	**Benzoic Acid**	**66**	**120**
131-11-3	**Dimethylphthalate**	**6.6**	**21**
84-66-2	**Diethylphthalate**	**6.6**	**6.6 JB**
85-68-7	**Butylbenzylphthalate**	**6.6**	**14**
95-48-7	2-Methylphenol	6.6	< 6.6 U
105-67-9	2,4-Dimethylphenol	6.6	< 6.6 U
86-30-6	N-Nitrosodiphenylamine	6.6	< 6.6 U
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	Pentachlorophenol	33	< 33 U
95-50-1	1,2-Dichlorobenzene	6.6	< 6.6 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	37.2%	d5-Phenol	33.1%
2-Fluorophenol	32.5%	d4-2-Chlorophenol	32.5%
d4-1,2-Dichlorobenzene	24.8%	d5-Nitrobenzene	30.4%
2,4,6-Tribromophenol	52.3%	d14-p-Terphenyl	51.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B10a-S**
Page 1 of 1 **SAMPLE**

Lab Sample ID: HV450
LIMS ID: 05-5076
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/26/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/19/05 00:45
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.81 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 35.0 %
pH: 7.4

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.4**	**30**
205-99-2	**Benzo(b)fluoranthene**	**6.4**	**44**
50-32-8	**Benzo(a)pyrene**	**6.4**	**42**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.4**	**33**
106-46-7	1,4-Dichlorobenzene	6.4	< 6.4 U
120-82-1	1,2,4-Trichlorobenzene	6.4	< 6.4 U
118-74-1	Hexachlorobenzene	6.4	< 6.4 U
87-68-3	Hexachlorobutadiene	6.4	< 6.4 U
65-85-0	**Benzoic Acid**	**64**	**160**
131-11-3	Dimethylphthalate	6.4	< 6.4 U
84-66-2	**Diethylphthalate**	**6.4**	**9.6 B**
85-68-7	Butylbenzylphthalate	6.4	< 6.4 U
95-48-7	2-Methylphenol	6.4	< 6.4 U
105-67-9	2,4-Dimethylphenol	6.4	< 6.4 U
86-30-6	N-Nitrosodiphenylamine	6.4	< 6.4 U
100-51-6	Benzyl Alcohol	32	< 32 U
87-86-5	Pentachlorophenol	32	< 32 U
95-50-1	1,2-Dichlorobenzene	6.4	< 6.4 U
621-64-7	N-Nitroso-Di-N-Propylamine	32	< 32 U
62-75-9	N-Nitrosodimethylamine	32	< 32 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	59.6%	d5-Phenol	56.5%
2-Fluorophenol	49.9%	d4-2-Chlorophenol	55.5%
d4-1,2-Dichlorobenzene	46.4%	d5-Nitrobenzene	54.8%
2,4,6-Tribromophenol	71.5%	d14-p-Terphenyl	68.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PNAs by SW8270C SIM GC/MS
Page 1 of 1

Sample ID: LDW-B1a-S
MS/MSD

Lab Sample ID: HV45H
LIMS ID: 05-5033
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/12/04
Date Received: 03/11/05

Date Extracted MS/MSD: 03/17/05

Date Analyzed MS: 03/18/05 20:28
MSD: 03/18/05 21:00
Instrument/Analyst MS: NT2/Van
MSD: NT2/Van
GPC Cleanup: No
Alumina Cleanup: No

Sample Amount MS: 7.69 g-dry-wt
MSD: 7.69 g-dry-wt
Final Extract Volume MS: 0.5 mL
MSD: 0.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
pH: 6.8
Moisture: 19.4%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
1,2,4-Trichlorobenzene	< 6.5	86.5	163	53.1%	89.7	163	55.0%	3.6%
Pentachlorophenol	< 32.6	186	244	76.2%	185	244	75.8%	0.5%
N-Nitroso-Di-N-Propylamine	< 32.6	79.3	163	48.7%	80.0	163	49.1%	0.9%

Reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B1a-S**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: HV45H
LIMS ID: 05-5033
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/12/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 20:28
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.69 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 19.4 %
pH: 6.8

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.5**	**48**
205-99-2	**Benzo(b)fluoranthene**	**6.5**	**42**
50-32-8	**Benzo(a)pyrene**	**6.5**	**49**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.5**	**34**
106-46-7	**1,4-Dichlorobenzene**	**6.5**	**79**
120-82-1	1,2,4-Trichlorobenzene	6.5	---
118-74-1	Hexachlorobenzene	6.5	< 6.5 U
87-68-3	Hexachlorobutadiene	6.5	< 6.5 U
65-85-0	**Benzoic Acid**	**65**	**530**
131-11-3	Dimethylphthalate	6.5	< 6.5 U
84-66-2	Diethylphthalate	6.5	< 6.5 U
85-68-7	Butylbenzylphthalate	6.5	< 6.5 U
95-48-7	2-Methylphenol	6.5	< 6.5 U
105-67-9	2,4-Dimethylphenol	6.5	< 6.5 U
86-30-6	N-Nitrosodiphenylamine	6.5	< 6.5 U
100-51-6	Benzyl Alcohol	32	< 32 U
87-86-5	Pentachlorophenol	32	---
95-50-1	1,2-Dichlorobenzene	6.5	< 6.5 U
621-64-7	N-Nitroso-Di-N-Propylamine	32	---
62-75-9	N-Nitrosodimethylamine	32	< 32 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.0%	d5-Phenol	58.4%
2-Fluorophenol	56.8%	d4-2-Chlorophenol	56.3%
d4-1,2-Dichlorobenzene	46.8%	d5-Nitrobenzene	50.4%
2,4,6-Tribromophenol	67.7%	d14-p-Terphenyl	66.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LDW-B1a-S**
Page 1 of 1 **MATRIX SPIKE DUP**

Lab Sample ID: HV45H
LIMS ID: 05-5033
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/12/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 21:00
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.69 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: 19.4 %
pH: 6.8

CAS Number	Analyte	RL	Result
56-55-3	**Benzo(a)anthracene**	**6.5**	**32**
205-99-2	**Benzo(b)fluoranthene**	**6.5**	**37**
50-32-8	**Benzo(a)pyrene**	**6.5**	**36**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**6.5**	**27**
106-46-7	**1,4-Dichlorobenzene**	**6.5**	**78**
120-82-1	1,2,4-Trichlorobenzene	6.5	---
118-74-1	Hexachlorobenzene	6.5	< 6.5 U
87-68-3	Hexachlorobutadiene	6.5	< 6.5 U
65-85-0	**Benzoic Acid**	**65**	**560**
131-11-3	Dimethylphthalate	6.5	< 6.5 U
84-66-2	Diethylphthalate	6.5	< 6.5 U
85-68-7	Butylbenzylphthalate	6.5	< 6.5 U
95-48-7	2-Methylphenol	6.5	< 6.5 U
105-67-9	2,4-Dimethylphenol	6.5	< 6.5 U
86-30-6	N-Nitrosodiphenylamine	6.5	< 6.5 U
100-51-6	Benzyl Alcohol	32	< 32 U
87-86-5	Pentachlorophenol	32	---
95-50-1	1,2-Dichlorobenzene	6.5	< 6.5 U
621-64-7	N-Nitroso-Di-N-Propylamine	32	---
62-75-9	N-Nitrosodimethylamine	32	< 32 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	55.2%	d5-Phenol	58.9%
2-Fluorophenol	56.3%	d4-2-Chlorophenol	55.5%
d4-1,2-Dichlorobenzene	45.2%	d5-Nitrobenzene	49.2%
2,4,6-Tribromophenol	67.5%	d14-p-Terphenyl	66.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: MB-031705**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-031705
LIMS ID: 05-5026
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: NA
Date Received: NA

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 14:36
Instrument/Analyst: NT2/Van
GPC Cleanup: No

Sample Amount: 7.50 g
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
56-55-3	Benzo(a)anthracene	6.7	< 6.7 U
205-99-2	Benzo(b)fluoranthene	6.7	< 6.7 U
50-32-8	Benzo(a)pyrene	6.7	< 6.7 U
193-39-5	Indeno(1,2,3-cd)pyrene	6.7	< 6.7 U
106-46-7	1,4-Dichlorobenzene	6.7	< 6.7 U
120-82-1	1,2,4-Trichlorobenzene	6.7	< 6.7 U
118-74-1	Hexachlorobenzene	6.7	< 6.7 U
87-68-3	Hexachlorobutadiene	6.7	< 6.7 U
65-85-0	Benzoic Acid	67	< 67 U
131-11-3	Dimethylphthalate	6.7	< 6.7 U
84-66-2	**Diethylphthalate**	**6.7**	**15**
85-68-7	Butylbenzylphthalate	6.7	< 6.7 U
95-48-7	2-Methylphenol	6.7	< 6.7 U
105-67-9	2,4-Dimethylphenol	6.7	< 6.7 U
86-30-6	**N-Nitrosodiphenylamine**	**6.7**	**6.7**
100-51-6	Benzyl Alcohol	33	< 33 U
87-86-5	Pentachlorophenol	33	< 33 U
95-50-1	1,2-Dichlorobenzene	6.7	< 6.7 U
621-64-7	N-Nitroso-Di-N-Propylamine	33	< 33 U
62-75-9	N-Nitrosodimethylamine	33	< 33 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	51.6%	d5-Phenol	47.5%
2-Fluorophenol	51.5%	d4-2-Chlorophenol	49.3%
d4-1,2-Dichlorobenzene	46.4%	d5-Nitrobenzene	49.2%
2,4,6-Tribromophenol	50.9%	d14-p-Terphenyl	68.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PNAs by SW8270C SIM GC/MS
Page 1 of 1

Sample ID: LCS-031705
LAB CONTROL

Lab Sample ID: LCS-031705
LIMS ID: 05-5026
Matrix: Sediment
Data Release Authorized:
Reported: 03/21/05

QC Report No: HV45-Windward Environmental
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 08/26/04
Date Received: 03/11/05

Date Extracted: 03/17/05
Date Analyzed: 03/18/05 15:08
Instrument/Analyst: NT2/Van
GPC Cleanup: No
Alumina Cleanup: No

Sample Amount: 7.50 g
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
pH: NA
Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
1,2,4-Trichlorobenzene	117	167	70.1%
Pentachlorophenol	159	250	63.6%
N-Nitroso-Di-N-Propylamine	92.0	167	55.1%

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	68.8%
d5-Phenol	70.7%
2-Fluorophenol	71.5%
d4-2-Chlorophenol	68.8%
d4-1,2-Dichlorobenzene	67.2%
d5-Nitrobenzene	67.6%
2,4,6-Tribromophenol	70.9%
d14-p-Terphenyl	87.6%

Attachment E-2: Tissue Chemistry

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B1b-T

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	10-Aug-2004
Contract No.:	4033	Project Number:	04 08 06 21
Matrix:	TISSUE	Lab Sample ID:	L7510-1 r
Sample Receipt Date:	16-Dec-2004	Sample Size:	1 44 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	17-Feb-2005 Time: 1:48:20	Instrument ID:	HR GC/MS
Extract Volume (µL):	20	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1 0	Sample Data Filename:	PB5C_084 S:6
Dilution Factor:	N/A	Blank Data Filename:	PB5C_074 S:7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_084 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	3.60	0 123	3.27	1.001
3 - MoCB	2		JB	1.45	0.149	3.37	0.988
4 - MoCB	3		JB	3.39	0.183	3.28	1.000
2,2' - DiCB	4		B	32.9	0 730	1.45	1.001
2,3 - DiCB	5		J	1.12	0.647	1.58	1.198
2,3' - DiCB	6		B	28.3	0 595	1 50	1.176
2,4 - DiCB	7		J	6.10	0 576	1 36	1.158
2,4' - DiCB	8		B	131	0 551	1 50	1.207
2,5 - DiCB	9		J	6.40	0.590	1.61	1.146
2,6 - DiCB	10		J	1.62	0.585	1.75	1.014
3,3' - DiCB	11		JB	13.6	0.663	1 50	0.968
3,4 - DiCB	12	12 + 13	C J	15.5	0.639	1 70	0.983
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.641		
4,4' - DiCB	15		B	111	0.850	1.47	1.001
2,2',3 - TriCB	16		B	118	0.197	1.09	1.166
2,2',4 - TriCB	17		B	234	0.187	1.05	1 139
2,2',5 - TriCB	18	18 + 30	C B	418	0.155	1.06	1.113
2,2',6 - TriCB	19		B	43.0	0 190	1.10	1.001
2,3,3' - TriCB	20	20 + 28	C B	1710	0.363	1.01	0.848

Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-1 i

CLIENT ID: LDW-B1b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	435	0.353	0.99	0.857
2,3,4' - TriCB	22		B	403	0 406	1.00	0.872
2,3,5 - TriCB	23		KJ	0 846	0.356	1 32	1 284
2,3,6 - TriCB	24		J	5.28	0.129	1.16	1.158
2,3',4 - TriCB	25		B	148	0.328	1 00	0.825
2,3',5 - TriCB	26	26 + 29	C B	302	0 375	1.01	1 302
2,3',6 - TriCB	27		B	49 9	0 131	1.13	1 151
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	1390	0.373	1 01	0.837
2,4',6 - TriCB	32		B	224	0.347	1.03	1.197
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34		J	4.91	0.378	0.96	1 274
3,3',4 - TriCB	35			17.1	0.423	1.09	0.985
3,3',5 - TriCB	36		U		0.393		
3,4,4' - TriCB	37		B	417	0.450	1.01	1.001
3,4,5 - TriCB	38		KJ	1 53	0.376	1.27	0.969
3,4',5 - TriCB	39		J	12.0	0.372	0.95	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	838	0 117	0 79	1 337
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	580	0.111	0 77	1 312
2,2',3,5 - TeCB	43		B	109	0 125	0.78	1.247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	2690	0.107	0.79	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	259	0.114	0.79	1.147
2,2',3,6' - TeCB	46			74 1	0.133	0.79	1 161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	364	0.113	0 79	1 274
2,2',4,5' - TeCB	49	49 + 69	C B	2350	0 101	0.79	1.259
2,2',4,6 - TeCB	50	50 + 53	C B	271	0.111	0.78	1.112
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		B	1070	0.113	0 79	1.235
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54		J	4.89	0 0806	0.78	1.002
2,3,3',4 - TeCB	55			116	0.418	0.75	0 889
2,3,3',4' - TeCB	56		B	1180	0 428	0.75	0 904
2,3,3',5 - TeCB	57			21.6	0 410	0 67	0.843
2,3,3',5' - TeCB	58		J	13.1	0 404	0 79	0 851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	255	0 0904	0.81	1.303
2,3,4,4' - TeCB	60		B	814	0 411	0.75	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	5970	0 379	0 77	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			142	0 384	0 76	0 864

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Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD. WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-1 r

CLIENT ID: LDW-B1b-T
Project Number: 04-08-06-21
Sample Data Filename PB5C_084 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64		B	956	0 0839	0.79	1 349
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	3880	0.398	0.76	0 884
2,3',4,5 - TeCB	67			111	0.353	0.73	0.856
2,3',4,5' - TeCB	68			27.9	0 388	0.76	0.831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			49.6	0.407	0.78	0.823
2,3',5',6 - TeCB	73		U		0 0897		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	310	0 461	0 76	1 000
3,3',4,5 - TeCB	78		U		0.444		
3,3',4,5' - TeCB	79			80.7	0.353	0 70	0 970
3,3',5,5' - TeCB	80		U		0.402		
3,4,4',5 - TeCB	81		K	22.1	0.430	0.77	1.000
2,2',3,3',4 - PeCB	82			545	0.397	1.58	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C B	7790	0.371	1.59	0.885
2,2',3,3',6 - PeCB	84		B	1130	0.398	1.58	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	1580	0.311	1.58	0.919
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	4900	0.308	1.59	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	1210	0 341	1.59	1.155
2,2',3,4,6' - PeCB	89			39 1	0.373	1.55	1.182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	11400	0 311	1 58	0.869
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	1900	0.364	1 59	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C B	5710	0.326	1 58	1 121
2,2',3,5,6' - PeCB	94			20 9	0 352	1 66	1 102
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			23.9	0.147	1.58	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			191	0.312	1.62	1.094
2,2',4,6,6' - PeCB	104		J	1 39	0.139	1.52	1 001
2,3,3',4,4' - PeCB	105		B	3340	0 387	1 53	1 000
2,3,3',4,5 - PeCB	106		U		0.342		

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Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-11

CLIENT ID: LDW-B1b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	302	0.367	1.57	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			612	0.344	1.54	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C B	6630	0.263	1.59	0.925
2,3,3',5,5' - PeCB	111		KJ	8.75	0.268	2.01	0.945
2,3,3',5,6 - PeCB	112		U		0.262		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			185	0.378	1.52	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		B	8940	0.350	1.53	1.001
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			62.4	0.272	1.69	0.959
2,3',4,5',6 - PeCB	121		J	5.58	0.266	1.45	1.200
2',3,3',4,5 - PeCB	122			116	0.392	1.58	1.010
2',3,4,4',5 - PeCB	123			206	0.385	1.55	1.000
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			17.5	0.459	1.33	1.000
3,3',4,5,5' - PeCB	127			26.2	0.379	1.38	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	1950	0.416	1.27	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	17800	0.398	1.27	0.928
2,2',3,3',4,5' - HxCB	130			916	0.527	1.28	0.913
2,2',3,3',4,6 - HxCB	131			94.1	0.450	1.23	1.159
2,2',3,3',4,6' - HxCB	132		B	3270	0.477	1.27	1.174
2,2',3,3',5,5' - HxCB	133			269	0.456	1.24	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	491	0.450	1.34	1.140
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	5580	0.383	1.27	1.104
2,2',3,3',6,6' - HxCB	136		B	1350	0.292	1.28	1.024
2,2',3,4,4',5 - HxCB	137			687	0.492	1.26	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	300	0.417	1.29	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	2900	0.480	1.22	0.904
2,2',3,4,5,6 - HxCB	142		U		0.478		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			772	0.397	1.29	1.121
2,2',3,4,6,6' - HxCB	145		J	3.16	0.296	1.19	1.033
2,2',3,4',5,5' - HxCB	146		B	3330	0.422	1.26	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	13500	0.408	1.27	1.133
2,2',3,4',5,6' - HxCB	148			42.4	0.406	1.30	1.084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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AXYS METHOD MLA-010 Rev 05
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Lab Sample ID: L7510-1 I

CLIENT ID: LDW-B1b-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_084 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			37 8	0.278	1 28	1 012
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152		J	4 10	0 276	1 16	1 006
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	22700	0.363	1.27	0.899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	2.91	0.249	1.36	1.001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	1300	0.417	1.26	1 000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	1300	0.336	1.28	0.938
2,3,3',4,5,5' - HxCB	159		U		0.361		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.339		
2,3,3',4',5,5' - HxCB	162			31.4	0.363	1.25	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	663	0.340	1.27	0.921
2,3,3',5,5',6 - HxCB	165		J	6.69	0.378	1.33	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	607	0.331	1.27	1.001
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		23.9		
2,2',3,3',4,4',5 - HpCB	170		B	3700	0.677	1.05	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	1120	0 643	1 05	1.162
2,2',3,3',4,5,5' - HpCB	172			646	0.665	1.05	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	2980	0.594	1.06	1 133
2,2',3,3',4,5',6 - HpCB	175			175	0.565	1.03	1 103
2,2',3,3',4,6,6' - HpCB	176			447	0.417	1.06	1.034
2,2',3,3',4',5,6 - HpCB	177		B	2690	0.629	1.04	1 145
2,2',3,3',5,5',6 - HpCB	178			925	0 576	1.04	1.085
2,2',3,3',5,6,6' - HpCB	179		B	1450	0 405	1.06	1.010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	10400	0.510	1 05	0 910
2,2',3,4,4',5,6 - HpCB	181			31.1	0.597	0.99	1 156
2,2',3,4,4',5,6' - HpCB	182			70.4	0.569	1 01	1.116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	3480	0.559	1.06	1.127
2,2',3,4,4',6,6' - HpCB	184		J	2.47	0.383	1.02	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0.420		
2,2',3,4',5,5',6 - HpCB	187		B	7430	0 521	1.06	1.110
2,2',3,4',5,6,6' - HpCB	188		J	9.47	0 354	0.99	1.001
2,3,3',4,4',5,5' - HpCB	189			132	2.25	1.02	1.001
2,3,3',4,4',5,6 - HpCB	190		B	729	0.516	1.05	0.947
2,3,3',4,4',5',6 - HpCB	191			172	0.494	1.02	0 918
2,3,3',4,5,5',6 - HpCB	192		U		0 520		

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AXYS METHOD MLA-010 Rev 05
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Lab Sample ID L7510-11

CLIENT ID: LDW-B1b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	1510	1 41	0.90	0.991
2,2',3,3',4,4',5,6 - OcCB	195		B	524	1.51	0.90	0.945
2,2',3,3',4,4',5,6' - OcCB	196		B	757	0 0850	0.88	0 916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	162	0.0601	0.90	1 046
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	1870	0 0843	0.90	1 115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	235	0.0608	0.91	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	449	0.0613	0.91	1.001
2,2',3,4,4',5,5',6 - OcCB	203		B	1220	0.0770	0.89	0.920
2,2',3,4,4',5,6,6' - OcCB	204		KJB	0.924	0.0619	1.28	1.039
2,3,3',4,4',5,5',6 - OcCB	205		B	86.4	1.31	0.87	1.000
2,2',3,3',4,4',5,5',6 - NoCB	206		B	499	0.370	0.79	1.001
2,2',3,3',4,4',5,6,6' - NoCB	207			56.0	0.290	0.78	1.020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	122	0.294	0.81	1.001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	139	0.0569	0.68	1.001

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration. E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD. WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B1b-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	10-Aug-2004
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21
Contract No.:	4033		**Lab Sample ID:**	L7510-1 i
Matrix:	TISSUE		**Sample Size:**	1 44 g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS
Analysis Date:	17-Feb-2005	**Time:** 1:48:20	**GC Column ID:**	SPB-OCTYL
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_084 S:1
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_084 S:6**
Concentration Units :	ng/kg (wet weight basis)			

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		8.43	0.183
Total Dichloro Biphenyls		348	0.850
Total Trichloro Biphenyls		5940	0.450
Total Tetrachloro Biphenyls		25500	0.461
Total Pentachloro Biphenyls		56900	0.459
Total Hexachloro Biphenyls		80000	23.9
Total Heptachloro Biphenyls		36600	2.25
Total Octachloro Biphenyls		6810	1.51
Total Nonachloro Biphenyls		677	0.370
Decachloro Biphenyl		139	0.0569
TOTAL PCBs		213000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL 1.xls SS

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY B.C. CANADA V8L 3S8 TEL: 250) 655-5800 FAX: 250) 655-5811

AXYS METHOD MLA-010 Rev 05
PCB-TEQ-DL_14
Page 1 of 1

CLIENT ID:
LDW-B1b-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	10-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-1 i
Sample Size:	1 44 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	Sample Datafile(s):	PB5C_084 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			310	0.461	0.0001	3.10E-02	3.10E-02
3,4,4',5-TetraCB	81		U		0.430	0.0001	2.15E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			3340	0 387	0.0001	3.34E-01	3.34E-01
2,3,4,4',5-PentaCB	114			185	0 378	0.0005	9.24E-02	9.24E-02
2,3',4,4',5-PentaCB	118			8940	0.350	0.0001	8.94E-01	8.94E-01
2',3,4,4',5-PentaCB	123			206	0.385	0.0001	2.06E-02	2.06E-02
3,3',4,4',5-PentaCB	126			17.5	0.459	0 1	1.75E+00	1.75E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	1300	0.417	0 0005	6.51E-01	6.51E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			607	0 331	0.00001	6.07E-03	6.07E-03
3,3',4,4',5,5'-HexaCB	169		U		23.9	0.01	1 19E-01	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			132	2.25	0.0001	1 32E-02	1.32E-02
						TOTAL TEQ	3.92	3.80

(1) C = co-eluting congener, U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTEQ_1.xls: S5 TEQ1

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B2a-T

			Sample Collection:	14-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-2	
Matrix:	TISSUE		**Sample Size:**	9 43	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	12-Feb-2005	**Time:** 11:13:31	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_075 S:4**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_074 S:7	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_075 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	1.36	0.0285	2.84	1.001
3 - MoCB	2		JB	1.06	0.0368	3 16	0.988
4 - MoCB	3		JB	1.60	0.0369	3.09	1.000
2,2' - DiCB	4		B	21 3	0.132	1 54	1 001
2,3 - DiCB	5		J	0.941	0.112	1.57	1.198
2,3' - DiCB	6		B	24.2	0.106	1.51	1 176
2,4 - DiCB	7			5.08	0.105	1.50	1 158
2,4' - DiCB	8		B	124	0.102	1.52	1 207
2,5 - DiCB	9			3.31	0.104	1.53	1 146
2,6 - DiCB	10		J	1.70	0.102	1.58	1 014
3,3' - DiCB	11		B	21 2	0 120	1 51	0 969
3,4 - DiCB	12	12 + 13	C	16.4	0.119	1.49	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		J	0.226	0 114	1.51	0.926
4,4' - DiCB	15		B	141	0 138	1.50	1 002
2,2',3 - TriCB	16		B	121	0.0346	1.04	1 166
2,2',4 - TriCB	17		B	287	0.0304	1.04	1 139
2,2',5 - TriCB	18	18 + 30	C B	369	0.0244	1 05	1 113
2,2',6 - TriCB	19		B	33.8	0.0323	1.05	1 001
2,3,3' - TriCB	20	20 + 28	C B	1750	0.250	1 00	0.848

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27-02-2005
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AXYS ANALYTICAL SERVICES LTD P O BOX 2219, 2045 MILLS RD, WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-2

CLIENT ID: LDW-B2a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S.4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	454	0.256	0 99	0.857
2,3,4' - TriCB	22		B	293	0.279	0.98	0.872
2,3,5 - TriCB	23		J	0 736	0 257	0.90	1.283
2,3,6 - TriCB	24			4 75	0.0213	1.10	1.159
2,3',4 - TriCB	25		B	143	0.235	0.98	0.825
2,3',5 - TriCB	26	26 + 29	C B	270	0.257	0.99	1 302
2,3',6 - TriCB	27		B	57.7	0.0205	1.05	1 151
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	1060	0.250	0.99	0.837
2,4',6 - TriCB	32		B	233	0.238	0.98	1.197
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			11 1	0.258	0.95	1.274
3,3',4 - TriCB	35			19.4	0.319	0.98	0.985
3,3',5 - TriCB	36		KJ	0 909	0.261	0.82	0.932
3,4,4' - TriCB	37		B	343	0.278	0.98	1.001
3,4,5 - TriCB	38			3.99	0.280	0.95	0.969
3,4',5 - TriCB	39			17.4	0.273	0.90	0 947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	1180	0 0449	0 78	1 338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	728	0.0467	0 78	1 312
2,2',3,5 - TeCB	43		B	98.0	0.0494	0.79	1 247
2,2',3.5' - TeCB	44	44 + 47 + 65	C B	2600	0.0400	0 79	1 287
2,2',3,6 - TeCB	45	45 + 51	C B	282	0.0419	0 79	1 147
2,2',3,6' - TeCB	46			68.0	0 0504	0 78	1 161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	509	0.0437	0.79	1.275
2,2',4,5' - TeCB	49	49 + 69	C B	2570	0 0389	0 79	1 260
2,2',4,6 - TeCB	50	50 + 53	C B	291	0.0404	0.79	1 112
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		C				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			3.02	0.0300	0 79	1 002
2,3,3',4 - TeCB	55			30.7	0.351	0.74	0 889
2,3,3',4' - TeCB	56		B	1040	0.366	0 74	0.904
2,3,3',5 - TeCB	57			22.1	0.371	0.72	0.843
2,3,3',5' - TeCB	58			17.5	0.364	0.67	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	288	0.0341	0.79	1.303
2,3,4,4' - TeCB	60		B	545	0.358	0.74	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C E				
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			155	0.353	0 73	0.864

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-2

CLIENT ID: LDW-B2a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S:4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64		B	951	0.0325	0 79	1 350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	3590	0 341	0 74	0.884
2,3',4,5 - TeCB	67			120	0 337	0 72	0.857
2,3',4,5' - TeCB	68			49.5	0.335	0 73	0.831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			80.0	0.339	0.71	0 823
2,3',5',6 - TeCB	73		U		0.0338		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	247	0 376	0.74	1 000
3,3',4,5 - TeCB	78		U		0 386		
3,3',4,5' - TeCB	79			76.0	0 311	0.68	0.970
3,3',5,5' - TeCB	80		U		0.335		
3,4,4',5 - TeCB	81			12.1	0.331	0.78	1.001
2,2',3,3',4 - PeCB	82			509	0.249	1 57	0.934
2,2',3,3',5 - PeCB	83	83 + 99	C E				
2,2',3,3',6 - PeCB	84		B	945	0.237	1.58	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	1340	0.191	1.57	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C E				
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	1050	0.205	1 57	1 155
2,2',3,4,6' - PeCB	89			48.3	0.219	1 59	1 182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	1770	0.220	1 57	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			26.8	0.212	1.54	1 103
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			20.8	0 0453	1.57	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			124	0 185	1.57	1 094
2,2',4,6,6' - PeCB	104		J	0.826	0 0416	1.61	1 001
2,3,3',4,4' - PeCB	105		B	2180	0 358	1.60	1 000
2,3,3',4,5 - PeCB	106		U		0 353		

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-2

CLIENT ID: LDW-B2a-T
Project Number 04-08-06-21
Sample Data Filename. PB5C_075 S:4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	249	0.369	1.54	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			585	0.349	1.51	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			6.90	0 166	1.59	0.945
2,3,3',5,6 - PeCB	112		U		0 164		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			112	0.369	1.52	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			51.8	0.167	1.58	0.959
2,3',4,5',6 - PeCB	121			2.58	0.160	1.66	1.200
2',3,3',4,5 - PeCB	122			69.3	0.408	1.51	1.010
2',3,4,4',5 - PeCB	123			122	0.364	1.52	1.000
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			17.8	0.438	1.44	1.000
3,3',4,5,5' - PeCB	127			20.6	0.407	1.51	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	1360	0.440	1.25	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,3',4,5' - HxCB	130			718	0.536	1.25	0.913
2,2',3,3',4,6 - HxCB	131			82.2	0.447	1.24	1.159
2,2',3,3',4,6' - HxCB	132		B	2760	0.468	1.25	1.174
2,2',3,3',5,5' - HxCB	133			207	0.448	1.25	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	396	0.460	1.25	1.140
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	3810	0.0985	1 27	1.104
2,2',3,3',6,6' - HxCB	136		B	775	0 0744	1.27	1 024
2,2',3,4,4',5 - HxCB	137			491	0.499	1.24	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	194	0.424	1.27	1 153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	1580	0.465	1.25	0.903
2,2',3,4,5,6 - HxCB	142		U		0.473		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			490	0.103	1.27	1.121
2,2',3,4,6,6' - HxCB	145			2.77	0.0747	1.14	1.033
2,2',3,4',5,5' - HxCB	146		B	2160	0.413	1.25	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C E				
2,2',3,4',5,6' - HxCB	148			22.0	0 102	1.29	1 084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05 | CLIENT ID: LDW-B2a-T
Form 1A
Page 5 of 6 | Project Number 04-08-06-21
Lab Sample ID L7510-2 | Sample Data Filename PB5C_075 S4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			18 4	0.0730	1.27	1 013
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152			6.25	0 0715	1.25	1 007
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	0.665	0.0604	1.23	1.001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	917	0.446	1.25	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	996	0.352	1.25	0.938
2,3,3',4,5,5' - HxCB	159		U		0.385		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0 343		
2,3,3',4',5,5' - HxCB	162			29.6	0.382	1 27	0 989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	592	0.356	1.25	0.921
2,3,3',5,5',6 - HxCB	165			8.30	0.376	1.34	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	382	0.343	1.26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		14.1		
2,2',3,3',4,4',5 - HpCB	170		B	2300	0.150	1.05	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	702	0.139	1.04	1.163
2,2',3,3',4,5,5' - HpCB	172			360	0.143	1.05	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	1930	0.128	1.05	1 133
2,2',3,3',4,5',6 - HpCB	175			106	0 120	1.06	1 103
2,2',3,3',4,6,6' - HpCB	176			309	0.0869	1.05	1 034
2,2',3,3',4',5,6 - HpCB	177		B	1790	0.133	1.05	1.145
2,2',3,3',5,5',6 - HpCB	178			703	0.122	1.06	1.085
2,2',3,3',5,6,6' - HpCB	179		B	988	0.0841	1.06	1.010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,2',3,4,4',5,6 - HpCB	181			17.9	0.126	1.02	1.156
2,2',3,4,4',5,6' - HpCB	182			20.1	0.123	1.03	1.116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	1970	0.120	1.05	1.127
2,2',3,4,4',6,6' - HpCB	184		J	1.95	0.0795	1.14	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0 0883		
2,2',3,4',5,5',6 - HpCB	187		E				
2,2',3,4',5,6,6' - HpCB	188			4.59	0.0659	1 08	1 000
2,3,3',4,4',5,5' - HpCB	189			71 7	0 637	0 96	1 000
2,3,3',4,4',5,6 - HpCB	190		B	489	0 119	1 05	0 947
2,3,3',4,4',5',6 - HpCB	191			83.9	0.113	1.05	0.918
2,3,3',4,5,5',6 - HpCB	192		U		0 119		

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Lab Sample ID L7510-2

CLIENT ID: LDW-B2a-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_075 S 4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	631	0 272	0 90	0 991
2,2',3,3',4,4',5,6 - OcCB	195		B	299	0 315	0.89	0 945
2,2',3,3',4,4',5,6' - OcCB	196		B	396	0 0071	0.89	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	114	0.0049	0 88	1 046
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	975	0.0073	0 90	1 115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	142	0.0049	0 89	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	247	0.0047	0.91	1.000
2,2',3,4,4',5,5',6 - OcCB	203		B	611	0.0069	0 90	0.920
2,2',3,4,4',5,6,6' - OcCB	204		JB	0.358	0.0050	0 93	1.039
2,3,3',4,4',5,5',6 - OcCB	205		B	33.6	0.244	0 91	1.000
2,2',3,3',4,4',5,5',6 - NoCB	206		B	167	0.0678	0.78	1.000
2,2',3,3',4,4',5,6,6' - NoCB	207			24 4	0.0568	0 79	1.020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	59.5	0.0572	0 79	1.001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	44.4	0.0042	0 70	1.000

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B2a-T

			Sample Collection:	14-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04-08-06-21	
Contract No.:	4033		Lab Sample ID:	L7510-2 W	
Matrix:	TISSUE		Sample Size:	9.43	g (wet)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	17-Feb-2005	Time: 12:35:23	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	400		Sample Data Filename:	PB5C_085 S:5	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_074 S:7	
Dilution Factor:	20		Cal. Ver. Data Filename:	PB5C_085 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

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01-03-2005
dd-mm-yyyy

Lab Sample ID L7510-2 W

CLIENT ID: LDW-B2a-T

Project Number: 04-08-06-21
Sample Data Filename: PB5C_085 S5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65					
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65					
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',6,6' - TeCB	52		D B	3340	1.77	0.80	1.235
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C D B	4250	30.4	0.76	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-2 W

CLIENT ID: LDW-B2a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_085 S 5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64						
2,3,5,6 - TeCB	65	44 + 47 + 65					
2,3',4,4' - TeCB	66						
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69					
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71					
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75					
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99					
2,2',3,3',6 - PeCB	84						
2,2',3,4,4' - PeCB	85	85 + 116 + 117					
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,6 - PeCB	88	88 + 91					
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	9860	22 7	1.59	0.870
2,2',3,4',6 - PeCB	91	88 + 91					
2,2',3,5,5' - PeCB	92						
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C D B	4710	23.4	1.66	1.121
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125					
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99					
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105						
2,3,3',4,5 - PeCB	106						

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-2 W

CLIENT ID: LDW-B2a-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_085 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124					
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125					
2,3,3',4,6 - PeCB	109						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	7620	19.2	1.57	0.925
2,3,3',5,5' - PeCB	111						
2,3,3',5,6 - PeCB	112						
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117					
2,3,4',5,6 - PeCB	117	85 + 116 + 117					
2,3',4,4',5 - PeCB	118		D B	8420	66.1	1.55	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125					
2,3',4,5,5' - PeCB	120						
2,3',4,5',6 - PeCB	121						
2',3,3',4,5 - PeCB	122						
2',3,4,4',5 - PeCB	123						
2',3,4,5,5' - PeCB	124	107 + 124					
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125					
3,3',4,4',5 - PeCB	126						
3,3',4,5,5' - PeCB	127						
2,2',3,3',4,4' - HxCB	128	128 + 166					
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	11900	41.3	1.27	0.929
2,2',3,3',4,5' - HxCB	130						
2,2',3,3',4,6 - HxCB	131						
2,2',3,3',4,6' - HxCB	132						
2,2',3,3',5,5' - HxCB	133						
2,2',3,3',5,6 - HxCB	134	134 + 143					
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154					
2,2',3,3',6,6' - HxCB	136						
2,2',3,4,4',5 - HxCB	137						
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140					
2,2',3,4,4',6' - HxCB	140	139 + 140					
2,2',3,4,5,5' - HxCB	141						
2,2',3,4,5,6 - HxCB	142						
2,2',3,4,5,6' - HxCB	143	134 + 143					
2,2',3,4,5',6 - HxCB	144						
2,2',3,4,6,6' - HxCB	145						
2,2',3,4',5,5' - HxCB	146						
2,2',3,4',5,6 - HxCB	147	147 + 149	C D B	8730	41 2	1.26	1 133
2,2',3,4',5,6' - HxCB	148						
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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Approved by: _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B2a-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	14-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-2	
Matrix:	TISSUE		**Sample Size:**	9.43	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	12-Feb-2005	**Time:** 11:13:31	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_075 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_075 S:4** **PB5C_085 S:5**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		4.02	0.0369
Total Dichloro Biphenyls		360	0.138
Total Trichloro Biphenyls		5470	0.319
Total Tetrachloro Biphenyls		23200	0.386
Total Pentachloro Biphenyls		50500	0.438
Total Hexachloro Biphenyls		51600	14.1
Total Heptachloro Biphenyls		19500	0.637
Total Octachloro Biphenyls		3450	0.315
Total Nonachloro Biphenyls		251	0.0678
Decachloro Biphenyl		44.4	0.0042
TOTAL PCBs		154000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation

14743PCBTOTAL 1 xls. S7

Approved by: _____ QA/QC Chemist

02-03-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B2a-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	14-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-2
Sample Size:	9.43 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	Sample Datafile(s):	PB5C_075 S:4 PB5C_085 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			247	0.376	0.0001	2.47E-02	2.47E-02
3,4,4',5-TetraCB	81			12.1	0.331	0.0001	1.21E-03	1.21E-03
2,3,3',4,4'-PentaCB	105			2180	0.358	0.0001	2.18E-01	2.18E-01
2,3,4,4',5-PentaCB	114			112	0.369	0.0005	5.62E-02	5.62E-02
2,3',4,4',5-PentaCB	118			8420	66.1	0.0001	8.42E-01	8.42E-01
2',3,4,4',5-PentaCB	123			122	0.364	0.0001	1.22E-02	1.22E-02
3,3',4,4',5-PentaCB	126			17.8	0.438	0.1	1.78E+00	1.78E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	917	0.446	0.0005	4.58E-01	4.58E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			382	0.343	0.00001	3.82E-03	3.82E-03
3,3',4,4',5,5'-HexaCB	169		U		14.1	0.01	7.04E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			71.7	0.637	0.0001	7.17E-03	7.17E-03
						TOTAL TEQ	3.48	3.41

(1) C = co-eluting congener. U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTEQ_1.xls S6 (TEQ)

Approved by _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

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Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B3b-T

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	10-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-3
Sample Receipt Date:	16-Dec-2004	Sample Size:	2.22 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	12-Feb-2005 Time: 12:17:48	Instrument ID:	HR GC/MS
Extract Volume (µL):	20	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1 0	Sample Data Filename:	PB5C_075 S:5
Dilution Factor:	N/A	Blank Data Filename:	PB5C_074 S 7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_075 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	6.73	0.137	2.97	1 001
3 - MoCB	2		JB	1.95	0.175	3.22	0.988
4 - MoCB	3		JB	4.41	0 174	3.23	1 000
2,2' - DiCB	4		B	103	0.580	1 51	1 001
2,3 - DiCB	5		J	3.64	0.506	1.57	1.198
2,3' - DiCB	6		B	120	0 480	1.52	1 176
2,4 - DiCB	7			16.7	0.474	1 48	1.158
2,4' - DiCB	8		B	419	0 459	1.54	1.207
2,5 - DiCB	9			19.5	0 471	1.48	1.147
2,6 - DiCB	10		J	8 07	0.461	1.46	1.014
3,3' - DiCB	11		B	22 9	0 543	1 57	0 969
3,4 - DiCB	12	12 + 13	C	51.1	0 538	1 52	0.985
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.516		
4,4' - DiCB	15		B	322	0 639	1.51	1.001
2,2',3 - TriCB	16		B	509	0 340	1.05	1 166
2,2',4 - TriCB	17		B	765	0.299	1.04	1 140
2,2',5 - TriCB	18	18 + 30	C B	1430	0.240	1.05	1 114
2,2',6 - TriCB	19		B	204	0.303	1.04	1.001
2,3,3' - TriCB	20	20 + 28	C B	3950	0 774	0 99	0.848

Approved by: _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-3

CLIENT ID: LDW-B3b-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_075 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	1250	0 792	0.98	0 857
2,3,4' - TriCB	22		B	1000	0.864	0.99	0 871
2,3,5 - TriCB	23		J	2.95	0 796	1 00	1 284
2,3,6 - TriCB	24			22.4	0.209	1 10	1 159
2,3',4 - TriCB	25		B	425	0 726	0.98	0.825
2,3',5 - TriCB	26	26 + 29	C B	805	0 797	0.99	1 302
2,3',6 - TriCB	27		B	233	0.202	1.06	1 152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	2730	0.773	0.98	0.837
2,4',6 - TriCB	32		B	854	0.736	0.99	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			15.6	0.799	0.99	1.275
3,3',4 - TriCB	35			56.9	0.987	1.00	0 985
3,3',5 - TriCB	36		KJ	1.08	0 808	1.58	0.931
3,4,4' - TriCB	37		B	940	0.889	0.99	1.001
3,4,5 - TriCB	38			13.0	0.866	1.15	0.968
3,4',5 - TriCB	39			31.5	0.846	0.97	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	2860	0.273	0.79	1.338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	1740	0.284	0.79	1.313
2,2',3,5 - TeCB	43		B	215	0.301	0.79	1.247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	6680	0.243	0.79	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	972	0.255	0.79	1.147
2,2',3,6' - TeCB	46			266	0.307	0 78	1.161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	939	0.266	0.79	1.275
2,2',4,5' - TeCB	49	49 + 69	C B	5710	0.237	0.79	1 260
2,2',4,6 - TeCB	50	50 + 53	C B	934	0.246	0.79	1 111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		B	10900	0 254	0 79	1 236
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			15.0	0.190	0.80	1.002
2,3,3',4 - TeCB	55			116	0.430	0.73	0.890
2,3,3',4' - TeCB	56		B	2930	0.449	0.73	0.905
2,3,3',5 - TeCB	57			52.1	0.455	0.72	0.844
2,3,3',5' - TeCB	58			27.2	0.447	0.75	0.852
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	778	0.207	0.79	1.303
2,3,4,4' - TeCB	60		B	1600	0.439	0.74	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	13100	0 410	0.73	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			309	0 433	0 74	0 864

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Approved by _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-3

CLIENT ID: LDW-B3b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S 5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	2730	0 198	0.79	1.350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	8160	0.418	0.73	0.884
2,3',4,5 - TeCB	67			295	0.413	0.73	0.857
2,3',4,5' - TeCB	68			66.4	0.411	0.74	0.832
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			98.0	0.416	0 72	0 823
2,3',5',6 - TeCB	73		U		0.206		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	594	0.441	0 74	1.000
3,3',4,5 - TeCB	78		U		0.473		
3,3',4,5' - TeCB	79			174	0.381	0.82	0.970
3,3',5,5' - TeCB	80		U		0 411		
3,4,4',5 - TeCB	81			39.3	0 405	0.82	1.000
2,2',3,3',4 - PeCB	82			1510	0.610	1.56	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C B	14200	0.544	1.57	0.885
2,2',3,3',6 - PeCB	84		B	3750	0.580	1.57	1 163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	3440	0.468	1.57	0 920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	11300	0 458	1.57	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	2720	0.502	1 57	1 155
2,2',3,4,6' - PeCB	89			113	0.537	1.59	1.182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	3970	0.538	1.58	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			40.8	0.620	1.50	1.103
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			78 9	0.244	1.65	1 015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			219	0 454	1.57	1.094
2,2',4,6,6' - PeCB	104		J	2.54	0.243	1.60	1.001
2,3,3',4,4' - PeCB	105		B	6370	0 342	1.51	1 000
2,3,3',4,5 - PeCB	106		U		0 351		

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05 | CLIENT ID. | LDW-B3b-T

Form 1A

Page 4 of 6 | Project Number | 04-08-06-21

Lab Sample ID | L7510-3 | Sample Data Filename | PB5C_075 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	796	0 367	1 50	0 991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			1300	0 346	1 52	0 997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111		J	8.82	0.406	1 33	0.945
2,3,3',5,6 - PeCB	112		U		0.402		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			343	0.353	1.51	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			62.8	0.409	1 54	0.959
2,3',4,5',6 - PeCB	121		J	3.60	0.393	1.66	1.200
2',3,3',4,5 - PeCB	122			209	0 405	1.52	1.010
2',3,4,4',5 - PeCB	123			315	0.354	1.53	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			32.9	0.434	1.62	1.000
3,3',4,5,5' - PeCB	127			47.6	0 404	1.49	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	3240	0.380	1.26	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	25500	0.361	1.25	0.928
2,2',3,3',4,5' - HxCB	130			1220	0.463	1 26	0.913
2,2',3,3',4,6 - HxCB	131			169	0.386	1 30	1 159
2,2',3,3',4,6' - HxCB	132		B	5650	0.404	1 25	1 173
2,2',3,3',5,5' - HxCB	133			299	0.387	1 23	1 191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	912	0.397	1 26	1 138
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	7110	0.441	1 27	1 103
2,2',3,3',6,6' - HxCB	136		B	2330	0 333	1 28	1 023
2,2',3,4,4',5 - HxCB	137			1170	0 431	1.26	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	410	0.366	1.26	1.152
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	3840	0.401	1.25	0.903
2,2',3,4,5,6 - HxCB	142		U		0.409		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			865	0.459	1.26	1 121
2,2',3,4,6,6' - HxCB	145		J	4.29	0 334	1.30	1 033
2,2',3,4',5,5' - HxCB	146		B	3270	0.356	1.25	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	18000	0.347	1.25	1 133
2,2',3,4',5,6' - HxCB	148			28.8	0 155	1 25	1 093
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-3

CLIENT ID: LDW-B3b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			39 4	0 327	1 32	1 011
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152			12.7	0.320	1 25	1.006
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	25400	0.308	1.25	0 899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	2.37	0.280	1.31	1 001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	2100	0 377	1.24	1 000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	2150	0.304	1 25	0 938
2,3,3',4,5,5' - HxCB	159		U		0.333		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.296		
2,3,3',4',5,5' - HxCB	162			61.5	0.330	1.33	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	1320	0.308	1.25	0.921
2,3,3',5,5',6 - HxCB	165		J	7.01	0.325	1.31	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	954	0.299	1.25	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		23 7		
2,2',3,3',4,4',5 - HpCB	170		B	3050	0 676	1 05	0 936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	980	0 624	1.05	1.163
2,2',3,3',4,5,5' - HpCB	172			540	0.642	1 05	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	3080	0.577	1.05	1.133
2,2',3,3',4,5',6 - HpCB	175			125	0.538	1 08	1.103
2,2',3,3',4,6,6' - HpCB	176			444	0.392	1.05	1.034
2,2',3,3',4',5,6 - HpCB	177		B	2150	0.600	1 06	1.145
2,2',3,3',5,5',6 - HpCB	178			777	0.548	1 05	1.085
2,2',3,3',5,6,6' - HpCB	179		B	1620	0.379	1.05	1.010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	7180	0.521	1.06	0.910
2,2',3,4,4',5,6 - HpCB	181			36.8	0.566	1 02	1.156
2,2',3,4,4',5,6' - HpCB	182			30.6	0.554	1.09	1 116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	2760	0.541	1.05	1 127
2,2',3,4,4',6,6' - HpCB	184		J	2.61	0.358	0.95	1 025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0 398		
2,2',3,4',5,5',6 - HpCB	187		B	5680	0.505	1.06	1 110
2,2',3,4',5,6,6' - HpCB	188		J	8.42	0.305	0.98	1 001
2,3,3',4,4',5,5' - HpCB	189			111	1.08	1.03	1 000
2,3,3',4,4',5,6 - HpCB	190		B	846	0.538	1.05	0 947
2,3,3',4,4',5',6 - HpCB	191			126	0.507	1 03	0.918
2,3,3',4,5,5',6 - HpCB	192		U		0 535		

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Approved by: _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 6 of 6
Lab Sample ID [illegible]

CLIENT ID: LDW-B3b-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_075 S.5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	949	0.503	0.90	0.991
2,2',3,3',4,4',5,6 - OcCB	195		B	442	0.583	0.90	0.946
2,2',3,3',4,4',5,6' - OcCB	196		B	534	0.119	0.89	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	209	0.0814	0.90	1.046
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	1480	0.122	0.91	1.115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	186	0.0810	0.90	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	347	0.0845	0.91	1.000
2,2',3,4,4',5,5',6 - OcCB	203		B	954	0.115	0.89	0.920
2,2',3,4,4',5,6,6' - OcCB	204		JB	0.580	0.0826	0.81	1.039
2,3,3',4,4',5,5',6 - OcCB	205		D	52.6	0.412	0.96	1.001
2,2',3,3',4,4',5,5',6 - NoCB	206		B	328	0.283	0.79	1.001
2,2',3,3',4,4',5,6,6' - NoCB	207			49.4	0.230	0.79	1.020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	106	0.227	0.77	1.001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	120	0.0151	0.72	1.001

(1) C = co-eluting congener. U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration. E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743AD2_1.xls S3

Approved by _____ QA/QC Chemist

27-02-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B3b-T

			Sample Collection:	10-Aug-2004	
Lab Name. AXYS ANALYTICAL SERVICES			Project Numbor:	04 08 06 21	
Contract No.:	4033		Lab Sample ID:	L7510-3 W	
Matrix:	TISSUE		Sample Size:	2.22	g (wet)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	17-Feb-2005	Time: 13:39:35	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	400		Sample Data Filename:	PB5C_085 S:6	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_074 S:7	
Dilution Factor:	20		Cal. Ver. Data Filename:	PB5C_085 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

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Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST, SIDNEY B.C CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-3 W

CLIENT ID: LDW-B3b-T
Project Number. 04-08-06-21
Sample Data Filename: PB5C_085 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65					
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65					
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52						
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76					
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

Approved by: _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST, SIDNEY B C CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-3 W

CLIENT ID: LDW-B3b-T
Project Number 04-08-06-21
Sample Data Filename. PB5C_085 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64						
2,3,5,6 - TeCB	65	44 + 47 + 65					
2,3',4,4' - TeCB	66						
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69					
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76					
2,3',4',6 - TeCB	71	40 + 41 + 71					
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76					
2,4,4',6 - TeCB	75	59 + 62 + 75					
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76					
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99					
2,2',3,3',6 - PeCB	84						
2,2',3,4,4' - PeCB	85	85 + 116 + 117					
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,6 - PeCB	88	88 + 91					
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	21700	48.1	1.59	0.869
2,2',3,4',6 - PeCB	91	88 + 91					
2,2',3,5,5' - PeCB	92						
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C D B	15400	49.6	1.60	1.121
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125					
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99					
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105						
2,3,3',4,5 - PeCB	106						

14743AD6_1 xls, S3 Approved by _____ QA/QC Chemist 01-03-2005 dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-3 W

CLIENT ID: LDW-B3b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_085 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124					
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125					
2,3,3',4,6 - PeCB	109						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	20000	40 7	1.59	0 925
2,3,3',5,5' - PeCB	111						
2,3,3',5,6 - PeCB	112						
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117					
2,3,4',5,6 - PeCB	117	85 + 116 + 117					
2,3',4,4',5 - PeCB	118		D B	19400	172	1.53	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125					
2,3',4,5,5' - PeCB	120						
2,3',4,5',6 - PeCB	121						
2',3,3',4,5 - PeCB	122						
2',3,4,4',5 - PeCB	123						
2',3,4,5,5' - PeCB	124	107 + 124					
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125					
3,3',4,4',5 - PeCB	126						
3,3',4,5,5' - PeCB	127						
2,2',3,3',4,4' - HxCB	128	128 + 166					
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163					
2,2',3,3',4,5' - HxCB	130						
2,2',3,3',4,6 - HxCB	131						
2,2',3,3',4,6' - HxCB	132						
2,2',3,3',5,5' - HxCB	133						
2,2',3,3',5,6 - HxCB	134	134 + 143					
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154					
2,2',3,3',6,6' - HxCB	136						
2,2',3,4,4',5 - HxCB	137						
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163					
2,2',3,4,4',6 - HxCB	139	139 + 140					
2,2',3,4,4',6' - HxCB	140	139 + 140					
2,2',3,4,5,5' - HxCB	141						
2,2',3,4,5,6 - HxCB	142						
2,2',3,4,5,6' - HxCB	143	134 + 143					
2,2',3,4,5',6 - HxCB	144						
2,2',3,4,6,6' - HxCB	145						
2,2',3,4',5,5' - HxCB	146						
2,2',3,4',5,6 - HxCB	147	147 + 149					
2,2',3,4',5,6' - HxCB	148						
2,2',3,4',5',6 - HxCB	149	147 + 149					

14743AD6 Data S>

Approved by _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST SIDNEY B C CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-3 W

CLIENT ID: LDW-B3b-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_085 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150						
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154					
2,2',3,5,6,6' - HxCB	152						
2,2',4,4',5,5' - HxCB	153	153 + 168					
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154					
2,2',4,4',6,6' - HxCB	155						
2,3,3',4,4',5 - HxCB	156	156 + 157					
2,3,3',4,4',5' - HxCB	157	156 + 157					
2,3,3',4,4',6 - HxCB	158						
2,3,3',4,5,5' - HxCB	159						
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163					
2,3,3',4,5',6 - HxCB	161						
2,3,3',4',5,5' - HxCB	162						
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163					
2,3,3',4',5',6 - HxCB	164						
2,3,3',5,5',6 - HxCB	165						
2,3,4,4',5,6 - HxCB	166	128 + 166					
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168					
3,3',4,4',5,5' - HxCB	169						
2,2',3,3',4,4',5 - HpCB	170						
2,2',3,3',4,4',6 - HpCB	171	171 + 173					
2,2',3,3',4,5,5' - HpCB	172						
2,2',3,3',4,5,6 - HpCB	173	171 + 173					
2,2',3,3',4,5,6' - HpCB	174						
2,2',3,3',4,5',6 - HpCB	175						
2,2',3,3',4,6,6' - HpCB	176						
2,2',3,3',4',5,6 - HpCB	177						
2,2',3,3',5,5',6 - HpCB	178						
2,2',3,3',5,6,6' - HpCB	179						
2,2',3,4,4',5,5' - HpCB	180	180 + 193					
2,2',3,4,4',5,6 - HpCB	181						
2,2',3,4,4',5,6' - HpCB	182						
2,2',3,4,4',5',6 - HpCB	183	183 + 185					
2,2',3,4,4',6,6' - HpCB	184						
2,2',3,4,5,5',6 - HpCB	185	183 + 185					
2,2',3,4,5,6,6' - HpCB	186						
2,2',3,4',5,5',6 - HpCB	187						
2,2',3,4',5,6,6' - HpCB	188						
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4,4',5,6 - HpCB	190						
2,3,3',4,4',5',6 - HpCB	191						
2,3,3',4,5,5',6 - HpCB	192						

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Approved by: _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-3 W

CLIENT ID: LDW-B3b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_085 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193					
2,2',3,3',4,4',5,5' - OcCB	194						
2,2',3,3',4,4',5,6 - OcCB	195						
2,2',3,3',4,4',5,6' - OcCB	196						
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200					
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199					
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199					
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200					
2,2',3,3',4,5',6,6' - OcCB	201						
2,2',3,3',5,5',6,6' - OcCB	202						
2,2',3,4,4',5,5',6 - OcCB	203						
2,2',3,4,4',5,6,6' - OcCB	204						
2,3,3',4,4',5,5',6 - OcCB	205						
2,2',3,3',4,4',5,5',6 - NoCB	206						
2,2',3,3',4,4',5,6,6' - NoCB	207						
2,2',3,3',4,5,5',6,6' - NoCB	208						
2,2',3,3',4,4',5,5',6,6' - DeCB	209						

(1) C = co-eluting congener. U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration. E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested. J = concentration less than LMCL. B = analyte found in sample and the associated blank. X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

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01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST, SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655 5800 FAX (250) 655-5811

CLIENT ID:
LDW-B3b-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	10-Aug-2004
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21
Contract No.:	4033		**Lab Sample ID:**	L7510-3
Matrix:	TISSUE		**Sample Size:**	2.22 g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS
Analysis Date:	12-Feb-2005	**Time:** 12:17:48	**GC Column ID:**	SPB-OCTYL
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_075 S:1
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_075 S:5** **PB5C_085 S:6**
Concentration Units :	ng/kg (wet weight basis)			

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		13.1	0.175
Total Dichloro Biphenyls		1090	0.639
Total Trichloro Biphenyls		15200	0.987
Total Tetrachloro Biphenyls		62300	0.473
Total Pentachloro Biphenyls		127000	0.610
Total Hexachloro Biphenyls		106000	23.7
Total Heptachloro Biphenyls		29600	1.08
Total Octachloro Biphenyls		5160	0.583
Total Nonachloro Biphenyls		483	0.283
Decachloro Biphenyl		120	0.0151
TOTAL PCBs		347000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL_LNS_SS

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

CLIENT ID:
LDW-B3b-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES

Contract No.: 4033

Matrix: TISSUE

Sample Size: 2.22 g (wet)

Concentration Units : ng/kg (wet weight basis)

Sample Collection: 10-Aug-2004

Project Number: 04-08-06-21

Lab Sample ID: L7510-3

GC Column ID(s): SPB-OCTYL

Sample Datafile(s): PB5C_075 S:5
PB5C_085 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			594	0.441	0.0001	5.94E-02	5.94E-02
3,4,4',5-TetraCB	81			39.3	0.405	0.0001	3.93E-03	3.93E-03
2,3,3',4,4'-PentaCB	105			6370	0.342	0.0001	6.37E-01	6.37E-01
2,3,4,4',5-PentaCB	114			343	0.353	0.0005	1.71E-01	1.71E-01
2,3',4,4',5-PentaCB	118			19400	172	0.0001	1.94E+00	1.94E+00
2',3,4,4',5-PentaCB	123			315	0.354	0.0001	3.15E-02	3.15E-02
3,3',4,4',5-PentaCB	126			32.9	0.434	0.1	3.29E+00	3.29E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	2100	0.377	0.0005	1.05E+00	1.05E+00
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			954	0.299	0.00001	9.54E-03	9.54E-03
3,3',4,4',5,5'-HexaCB	169		U		23.7	0.01	1.19E-01	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			111	1.08	0.0001	1.11E-02	1.11E-02
						TOTAL TEQ	7.32	7.20

(1) C = co-eluting congener U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by [signature] QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B4b-T

			Sample Collection:	17-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-4	
Matrix:	TISSUE		**Sample Size:**	7.58	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	12-Feb-2005	**Time:** 13:22:03	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_075 S:6**	
Injection Volume (µL):	1.0		**Blank Data Filename:**	PB5C_074 S:7	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_075 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		B	10.6	0.0745	3.12	1.001
3 - MoCB	2		JB	1.94	0.0896	3.19	0.988
4 - MoCB	3		B	5.57	0.0841	3.19	1.000
2,2' - DiCB	4		B	115	0.266	1.50	1.002
2,3 - DiCB	5			4.61	0.202	1.50	1.198
2,3' - DiCB	6		B	98.9	0.192	1.52	1.176
2,4 - DiCB	7			17.6	0.190	1.53	1.159
2,4' - DiCB	8		B	431	0.184	1.52	1.209
2,5 - DiCB	9			18.3	0.188	1.53	1.146
2,6 - DiCB	10			6.48	0.185	1.47	1.014
3,3' - DiCB	11		B	16.8	0.217	1.64	0.969
3,4 - DiCB	12	12 + 13	C	44.9	0.215	1.49	0.983
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.206		
4,4' - DiCB	15		B	295	0.222	1.49	1.002
2,2',3 - TriCB	16		B	350	0.0892	1.06	1.166
2,2',4 - TriCB	17		B	543	0.0783	1.05	1.139
2,2',5 - TriCB	18	18 + 30	C B	850	0.0629	1.06	1.113
2,2',6 - TriCB	19		B	145	0.101	1.05	1.001
2,3,3' - TriCB	20	20 + 28	C B	3220	0.256	0.99	0.848

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27-02-2005
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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-4

CLIENT ID: LDW-B4b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	1250	0.262	0 99	0 857
2,3,4' - TriCB	22		B	862	0.286	0.98	0 872
2,3,5 - TriCB	23		J	2.01	0.264	0.89	1 284
2,3,6 - TriCB	24			13 7	0 0547	1.00	1 159
2,3',4 - TriCB	25		B	328	0.241	0.99	0.825
2,3',5 - TriCB	26	26 + 29	C B	578	0.264	1.00	1.302
2,3',6 - TriCB	27		B	123	0.0528	1 05	1.151
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	2250	0.256	0.99	0.837
2,4',6 - TriCB	32		X				
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			14 4	0.265	1 00	1 274
3,3',4 - TriCB	35			51 3	0.327	0 98	0.985
3,3',5 - TriCB	36		U		0.268		
3,4,4' - TriCB	37		B	696	0.255	0.99	1 001
3,4,5 - TriCB	38			10.5	0.287	1.17	0.969
3,4',5 - TriCB	39			29.4	0.280	0.95	0 947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	2210	0.0875	0.79	1.335
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	1390	0.0910	0.79	1.311
2,2',3,5 - TeCB	43		B	173	0 0962	0.81	1.245
2,2',3,5' - TeCB	44	44 + 47 + 65	C E				
2,2',3,6 - TeCB	45	45 + 51	C B	703	0.0816	0.80	1.145
2,2',3,6' - TeCB	46			187	0.0981	0.79	1 159
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	864	0.0852	0.79	1.273
2,2',4,5' - TeCB	49	49 + 69	C B	3700	0.0757	0.80	1.258
2,2',4,6 - TeCB	50	50 + 53	C B	567	0.0787	0 79	1.109
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' TeCB	52		E				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			10.7	0 0768	0.79	1.002
2,3,3',4 - TeCB	55			89.0	0.489	0.74	0.890
2,3,3',4' - TeCB	56		B	2470	0 511	0.73	0.904
2,3,3',5 - TeCB	57			44.4	0 518	0.74	0.844
2,3,3',5' - TeCB	58			28.2	0.508	0.73	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	559	0 0664	0.80	1.302
2,3,4,4' - TeCB	60		B	1260	0 500	0.74	0 911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C E				
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			278	0 492	0 73	0 864

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AXYS ANALYTICAL SERVICES LTD P O BOX 2219 2045 MILLS RD WEST, SIDNEY B.C CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-4

CLIENT ID: LDW-B4b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075.S6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	1960	0.0633	0.79	1.347
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		E				
2,3',4,5 - TeCB	67			235	0.469	0.73	0.857
2,3',4,5' - TeCB	68			58.4	0.467	0.74	0.831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			92.8	0.473	0.72	0.823
2,3',5',6 - TeCB	73		U		0.0659		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	427	0.449	0.73	1.000
3,3',4,5 - TeCB	78		U		0.538		
3,3',4,5' - TeCB	79			110	0.434	0.68	0.970
3,3',5,5' - TeCB	80		U		0.467		
3,4,4',5 - TeCB	81			29.4	0.417	0.72	1.001
2,2',3,3',4 - PeCB	82			1070	0.543	1.57	0.934
2,2',3,3',5 - PeCB	83	83 + 99	C E				
2,2',3,3',6 - PeCB	84		B	2100	0.517	1.57	1.164
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	2160	0.416	1.57	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C E				
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	1400	0.447	1.58	1.155
2,2',3,4,6' - PeCB	89			78.6	0.478	1.58	1.183
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	2500	0.479	1.57	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			38.9	0.463	1.60	1.103
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			49.1	0.0732	1.60	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			147	0.405	1.58	1.094
2,2',4,6,6' - PeCB	104		J	1.72	0.0810	1.74	1.001
2,3,3',4,4' - PeCB	105		E				
2,3,3',4,5 - PeCB	106		U		0.441		

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-4

CLIENT ID: LDW-B4b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	520	0 462	1.52	0 991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			980	0 436	1.51	0 998
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			8.22	0 361	1.44	0.946
2,3,3',5,6 - PeCB	112		U		0.358		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			256	0.420	1.51	1 000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			55 7	0.365	1 59	0.959
2,3',4,5',6 - PeCB	121			3 41	0.350	1.75	1.201
2',3,3',4,5 - PeCB	122			167	0.510	1 49	1.009
2',3,4,4',5 - PeCB	123			199	0.421	1 52	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			19.8	0.504	1.60	1.000
3,3',4,5,5' - PeCB	127			35.3	0.509	1.50	1 042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	2380	0.427	1.25	0 958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,3',4,5' - HxCB	130			1020	0.519	1.25	0 912
2,2',3,3',4,6 - HxCB	131			173	0.433	1.26	1.159
2,2',3,3',4,6' - HxCB	132		B	3810	0.453	1.26	1 174
2,2',3,3',5,5' - HxCB	133			309	0.434	1.27	1 191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	776	0.446	1.26	1 139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	5610	0 135	1 28	1 104
2,2',3,3',6,6' - HxCB	136		B	1570	0.102	1.28	1.024
2,2',3,4,4',5 - HxCB	137			771	0 484	1 26	0.018
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	305	0 411	1.25	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	3170	0 450	1 25	0.903
2,2',3,4,5,6 - HxCB	142		U		0 459		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			763	0 140	1 28	1 121
2,2',3,4,6,6' - HxCB	145			3.39	0 102	1 28	1 034
2,2',3,4',5,5' - HxCB	146		B	2920	0.400	1.25	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C E				
2,2',3,4',5,6' - HxCB	148			31 5	0 139	1 27	1 084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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Approved by: _____ QA/QC Chemist

27-02-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B4b-T

			Sample Collection:	17-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04-08-06-21	
Contract No.:	4033		Lab Sample ID:	L7510-4 W	
Matrix:	TISSUE		Sample Size:	7 58	g (wet)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	17-Feb-2005	Time: 15.47:57	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	500		Sample Data Filename:	PB5C_085 S:8	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_074 S.7	
Dilution Factor:	25		Cal. Ver. Data Filename:	PB5C_085 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

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Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-4 W

CLIENT ID: LDW-B4b-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_085 S:8

COMPOUND	IUPAC NO	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32		D B	681	5.83	1.00	1.198
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65	C D B	4490	0.598	0.79	1.286
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52		D D	6100	0 656	0.79	1 236
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C D B	9030	34.3	0 78	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

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Approved by _____ QA/QC Chemist

01-03-2005
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CLIENT ID:
LDW-B4b-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	17-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-4	
Matrix:	TISSUE		**Sample Size:**	7.58	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	12-Feb-2005	**Time:** 13:22:03	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_075 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_075 S:6** **PB5C_085 S:8**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		18.1	0.0896
Total Dichloro Biphenyls		1050	0.286
Total Trichloro Biphenyls		12000	0.327
Total Tetrachloro Biphenyls		43500	0.538
Total Pentachloro Biphenyls		77900	0.543
Total Hexachloro Biphenyls		83000	25.8
Total Heptachloro Biphenyls		35100	0.562
Total Octachloro Biphenyls		6690	0.582
Total Nonachloro Biphenyls		493	0.0979
Decachloro Biphenyl		81.1	0.0051
TOTAL PCBs		260000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B5a-T

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	22-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-5
Sample Receipt Date:	16-Dec-2004	Sample Size:	2.25 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	12-Feb-2005 Time: 14:26:18	Instrument ID:	HR GC/MS
Extract Volume (µL):	20	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1 0	Sample Data Filename:	PB5C_075 S:7
Dilution Factor:	N/A	Blank Data Filename:	PB5C_074 S:7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_075 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		B	45.0	0.213	3.03	1.000
3 - MoCB	2		JB	2.51	0.282	2.99	0.988
4 - MoCB	3		B	15.1	0.290	3.21	1.001
2,2' - DiCB	4		B	275	0.769	1.50	1.001
2,3 - DiCB	5			12.8	0.649	1.56	1.198
2,3' - DiCB	6		B	233	0.616	1.53	1.176
2,4 - DiCB	7			44.8	0.609	1 53	1.158
2,4' - DiCB	8		B	1040	0.589	1.52	1.208
2,5 - DiCB	9			46.6	0.604	1.53	1 146
2,6 - DiCB	10			20.5	0.592	1 50	1.014
3,3' - DiCB	11		B	35 2	0 697	1 58	0 968
3,4 - DiCB	12	12 + 13	C	97.8	0.690	1.49	0.983
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.662		
4,4' - DiCB	15		B	798	0.798	1.50	1 001
2,2',3 - TriCB	16		B	1380	0.341	1 06	1.166
2,2',4 - TriCB	17		B	2780	0.300	1.05	1.139
2,2',5 - TriCB	18	18 + 30	C B	3520	0.241	1.05	1.113
2,2',6 - TriCB	19		B	386	0.323	1.04	1.001
2,3,3' - TriCB	20	20 + 28	C B	14800	0.406	1.00	0.848

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27-02-2005
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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-5

CLIENT ID: LDW-B5a-T
Project Number. 04-08-06-21
Sample Data Filename PB5C_075 S 7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	3580	0.416	0.99	0.857
2,3,4' - TriCB	22		B	2940	0.454	0.99	0.872
2,3,5 - TriCB	23		J	4 74	0.418	0.89	1 284
2,3,6 - TriCB	24			39.2	0.210	1.01	1.159
2,3',4 - TriCB	25		B	910	0.381	0.98	0 825
2,3',5 - TriCB	26	26 + 29	C B	2410	0 419	0.99	1.303
2,3',6 - TriCB	27		B	381	0.202	1.04	1.152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	12400	0.406	0.99	0 836
2,4',6 - TriCB	32		B	2400	0.387	0.98	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			72.9	0.419	0.99	1.275
3,3',4 - TriCB	35			112	0.518	1.00	0.985
3,3',5 - TriCB	36		U		0.424		
3,4,4' - TriCB	37		B	2370	0.448	0.98	1.001
3,4,5 - TriCB	38			28.1	0.455	0.95	0.969
3,4',5 - TriCB	39			142	0.444	0.92	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	11900	0.369	0 79	1 337
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	5470	0.384	0 78	1.312
2,2',3,5 - TeCB	43		B	779	0.406	0 79	1 246
2,2',3,5' - TeCB	44	44 + 47 + 65	C E				
2,2',3,6 - TeCB	45	45 + 51	C B	2750	0.345	0.79	1 147
2,2',3,6' - TeCB	46			592	0.414	0 79	1.161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	3870	0.360	0.79	1 274
2,2',4,5' - TeCB	49	49 + 69	C B	19100	0.320	0 79	1 259
2,2',4,6 - TeCB	50	50 + 53	C B	2460	0.332	0.79	1 110
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' TeCB	52		E				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			27 9	0.265	0 75	1.001
2,3,3',4 - TeCB	55			195	0.485	0 73	0.889
2,3,3',4' - TeCB	56		B	9420	0.505	0 73	0.905
2,3,3',5 - TeCB	57			113	0.512	0.73	0 844
2,3,3',5' - TeCB	58			101	0.503	0.74	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	2070	0.280	0.79	1.303
2,3,4,4' - TeCB	60		B	3510	0.495	0.73	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C E				
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			1020	0 487	0 73	0.864

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Approved by: _____ QA/QC Chemist

27-02-2005
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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-5

CLIENT ID: LDW-B5a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	10600	0.267	0.79	1.348
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		E				
2,3',4,5 - TeCB	67			547	0.464	0.72	0.857
2,3',4,5' - TeCB	68			171	0.462	0.72	0.831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			345	0.468	0.73	0.822
2,3',5',6 - TeCB	73		U		0.278		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	1440	0.499	0.73	1.000
3,3',4,5 - TeCB	78		U		0.532		
3,3',4,5' - TeCB	79			280	0.429	0.70	0.970
3,3',5,5' - TeCB	80		U		0.463		
3,4,4',5 - TeCB	81			67.6	0.439	0.75	1.000
2,2',3,3',4 - PeCB	82			2550	0.431	1.57	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C E				
2,2',3,3',6 - PeCB	84		B	4400	0.410	1.57	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	6250	0.330	1.57	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C E				
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	4700	0.354	1.56	1.155
2,2',3,4,6' - PeCB	89			427	0.379	1.58	1.183
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	7000	0.380	1.57	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			157	0.368	1.57	1.102
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			163	0.326	1.60	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			419	0.321	1.58	1.094
2,2',4,6,6' - PeCB	104		J	3.60	0.339	1.43	1.001
2,3,3',4,4' - PeCB	105		B	8210	0.331	1.52	1.000
2,3,3',4,5 - PeCB	106		U		0.338		

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-5

CLIENT ID: LDW-B5a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S 7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	875	0.354	1.51	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			2210	0.334	1.51	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			22.7	0.287	1.69	0.945
2,3,3',5,6 - PeCB	112		U		0.284		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			526	0 330	1.52	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			142	0.289	1.55	0.959
2,3',4,5',6 - PeCB	121		U		0.278		
2',3,3',4,5 - PeCB	122			299	0.390	1.55	1.010
2',3,4,4',5 - PeCB	123			433	0.342	1.50	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			52.5	0.399	1 56	1 000
3,3',4,5,5' - PeCB	127			56 6	0.390	1.51	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	3750	0.284	1.25	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,3',4,5' - HxCB	130			1960	0.346	1.24	0.913
2,2',3,3',4,6 - HxCB	131			235	0.288	1.22	1.159
2,2',3,3',4,6' - HxCB	132		B	9240	0.302	1.25	1.174
2,2',3,3',5,5' - HxCB	133			622	0.289	1.26	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	1370	0.297	1.25	1.139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	14600	0.481	1.27	1.103
2,2',3,3',6,6' - HxCB	136		B	3630	0.363	1.27	1.023
2,2',3,4,4',5 - HxCB	137			1240	0.322	1.25	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	536	0.274	1.22	1.152
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	5860	0.300	1.26	0 903
2,2',3,4,5,6 - HxCB	142		U		0.306		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			1850	0.501	1.28	1 121
2,2',3,4,6,6' - HxCB	145		KJ	8.44	0.365	1.05	1.033
2,2',3,4',5,5' - HxCB	146		B	6210	0.266	1.25	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C E				
2,2',3,4',5,6' - HxCB	148			59 2	0 495	1 28	1 083
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEl (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-5

CLIENT ID: LDW-B5a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S.7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			44 9	0 356	1 28	1 012
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152			21 6	0 349	1 27	1 006
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	1.08	0.339	1 39	1 001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	2530	0.267	1.25	1 000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	3580	0.227	1.25	0.937
2,3,3',4,5,5' - HxCB	159		U		0.249		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0 221		
2,3,3',4',5,5' - HxCB	162			75.5	0 247	1 27	0 989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	1740	0.230	1 25	0.921
2,3,3',5,5',6 - HxCB	165			13.6	0.243	1 22	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	1040	0.227	1 27	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		56.9		
2,2',3,3',4,4',5 - HpCB	170		B	8460	0 649	1.05	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	3190	0 599	1.04	1 163
2,2',3,3',4,5,5' - HpCB	172			1590	0 616	1.05	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	8660	0.554	1 05	1.133
2,2',3,3',4,5',6 - HpCB	175			482	0.517	1 06	1.103
2,2',3,3',4,6,6' - HpCB	176			1410	0.376	1 06	1 034
2,2',3,3',4',5,6 - HpCB	177		B	6800	0.576	1.05	1 145
2,2',3,3',5,5',6 - HpCB	178			2630	0 526	1 06	1 085
2,2',3,3',5,6,6' - HpCB	179		B	4660	0 364	1 05	1 010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,2',3,4,4',5,6 - HpCB	181			46.7	0.543	0.99	1.156
2,2',3,4,4',5,6' - HpCB	182			79.8	0.532	1.18	1.116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	9380	0.519	1 05	1.127
2,2',3,4,4',6,6' - HpCB	184		J	4.85	0.344	1.17	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0.382		
2,2',3,4',5,5',6 - HpCB	187		B	17300	0.484	1 05	1.110
2,2',3,4',5,6,6' - HpCB	188			11 2	0.299	1 05	1.001
2,3,3',4,4',5,5' - HpCB	189			228	1.77	0.95	1 000
2,3,3',4,4',5,6 - HpCB	190		B	2120	0.516	1 05	0 947
2,3,3',4,4',5',6 - HpCB	191			435	0 487	1.03	0 918
2,3,3',4,5,5',6 - HpCB	192		U		0 514		

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Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD P O BOX 2219, 2045 MILLS RD. WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-5

CLIENT ID: LDW-B5a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S 7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	2670	0.902	0.89	0.991
2,2',3,3',4,4',5,6 - OcCB	195		B	1420	1 05	0.89	0 946
2,2',3,3',4,4',5,6' - OcCB	196		B	2220	0.0254	0.90	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	525	0.0174	0.89	1.046
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	4110	0.0260	0 89	1 115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	556	0.0173	0.90	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	818	0.0191	0.89	1.000
2,2',3,4,4',5,5',6 - OcCB	203		B	2840	0.0245	0.90	0.920
2,2',3,4,4',5,6,6' - OcCB	204		JB	0.839	0.0177	0.94	1 039
2,3,3',4,4',5,5',6 - OcCB	205		B	150	0 702	0.89	1.001
2,2',3,3',4,4',5,5',6 - NoCB	206		B	523	0.209	0.78	1.001
2,2',3,3',4,4',5,6,6' - NoCB	207			77.9	0.182	0 78	1 020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	124	0.189	0.78	1 001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	63.8	0.0160	0.67	1 001

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration, E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743AD2_1 xls. S5

Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD. WEST SIDNEY, B C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B5a-T

			Sample Collection:	22-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-5 W	
Matrix:	TISSUE		**Sample Size:**	2.25	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	17-Feb-2005	**Time:** 16:52:11	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	500		**Sample Data Filename:**	**PB5C_085 S:9**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_074 S:7	
Dilution Factor:	25		**Cal. Ver. Data Filename:**	PB5C_085 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

14743AD6_1.xls S5

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01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL: 250 655 5800 FAX: 250 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-5 W

CLIENT ID: LDW-B5a-T
Project Number. 04-08-06-21
Sample Data Filename: PB5C_085 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65	C D B	22800	2.22	0.80	1.287
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52		D D	30400	2.44	0.79	1.235
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C D B	38500	376	0.77	0.876
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-5 W

CLIENT ID: LDW-B5a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_085 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64						
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		D B	26500	407	0 77	0.885
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69					
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71					
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75					
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99	C D B	24200	169	1.52	0.886
2,2',3,3',6 - PeCB	84						
2,2',3,4,4' - PeCB	85	85 + 116 + 117					
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C D B	18200	142	1.59	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91					
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	35000	144	1.61	0.869
2,2',3,4',6 - PeCB	91	88 + 91					
2,2',3,5,5' - PeCB	92						
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C D B	24500	148	1.59	1.121
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105						
2,3,3',4,5 - PeCB	106						

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-5 W

CLIENT ID: LDW-B5a-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_085 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124					
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	31300	122	1.58	0.925
2,3,3',5,5' - PeCB	111						
2,3,3',5,6 - PeCB	112						
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117					
2,3,4',5,6 - PeCB	117	85 + 116 + 117					
2,3',4,4',5 - PeCB	118		D B	28000	268	1 56	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120						
2,3',4,5',6 - PeCB	121						
2',3,3',4,5 - PeCB	122						
2',3,4,4',5 - PeCB	123						
2',3,4,5,5' - PeCB	124	107 + 124					
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126						
3,3',4,5,5' - PeCB	127						
2,2',3,3',4,4' - HxCB	128	128 + 166					
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	38700	256	1.26	0.929
2,2',3,3',4,5' - HxCB	130						
2,2',3,3',4,6 - HxCB	131						
2,2',3,3',4,6' - HxCB	132						
2,2',3,3',5,5' - HxCB	133						
2,2',3,3',5,6 - HxCB	134	134 + 143					
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154					
2,2',3,3',6,6' - HxCB	136						
2,2',3,4,4',5 - HxCB	137						
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140					
2,2',3,4,4',6' - HxCB	140	139 + 140					
2,2',3,4,5,5' - HxCB	141						
2,2',3,4,5,6 - HxCB	142						
2,2',3,4,5,6' - HxCB	143	134 + 143					
2,2',3,4,5',6 - HxCB	144						
2,2',3,4,6,6' - HxCB	145						
2,2',3,4',5,5' - HxCB	146						
2,2',3,4',5,6 - HxCB	147	147 + 149	C D B	32600	255	1.26	1.133
2,2',3,4',5,6' - HxCB	148						
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST SIDNEY B.C. CANADA V8L 3S8 TEL: (250) 655-5800 FAX: (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-5 W

CLIENT ID: LDW-B5a-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_085 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150						
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154					
2,2',3,5,6,6' - HxCB	152						
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	47000	235	1.27	0.899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154					
2,2',4,4',6,6' - HxCB	155						
2,3,3',4,4',5 - HxCB	156	156 + 157					
2,3,3',4,4',5' - HxCB	157	156 + 157					
2,3,3',4,4',6 - HxCB	158						
2,3,3',4,5,5' - HxCB	159						
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161						
2,3,3',4',5,5' - HxCB	162						
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164						
2,3,3',5,5',6 - HxCB	165						
2,3,4,4',5,6 - HxCB	166	128 + 166					
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,3',4,4',5 - HpCB	170						
2,2',3,3',4,4',6 - HpCB	171	171 + 173					
2,2',3,3',4,5,5' - HpCB	172						
2,2',3,3',4,5,6 - HpCB	173	171 + 173					
2,2',3,3',4,5,6' - HpCB	174						
2,2',3,3',4,5',6 - HpCB	175						
2,2',3,3',4,6,6' - HpCB	176						
2,2',3,3',4',5,6 - HpCB	177						
2,2',3,3',5,5',6 - HpCB	178						
2,2',3,3',5,6,6' - HpCB	179						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	21700	4.82	1.05	0.910
2,2',3,4,4',5,6 - HpCB	181						
2,2',3,4,4',5,6' - HpCB	182						
2,2',3,4,4',5',6 - HpCB	183	183 + 185					
2,2',3,4,4',6,6' - HpCB	184						
2,2',3,4,5,5',6 - HpCB	185	183 + 185					
2,2',3,4,5,6,6' - HpCB	186						
2,2',3,4',5,5',6 - HpCB	187						
2,2',3,4',5,6,6' - HpCB	188						
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4,4',5,6 - HpCB	190						
2,3,3',4,4',5',6 - HpCB	191						
2,3,3',4,5,5',6 - HpCB	192						

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-5 W

CLIENT ID: LDW-B5a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_085 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194						
2,2',3,3',4,4',5,6 - OcCB	195						
2,2',3,3',4,4',5,6' - OcCB	196						
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200					
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199					
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199					
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200					
2,2',3,3',4,5',6,6' - OcCB	201						
2,2',3,3',5,5',6,6' - OcCB	202						
2,2',3,4,4',5,5',6 - OcCB	203						
2,2',3,4,4',5,6,6' - OcCB	204						
2,3,3',4,4',5,5',6 - OcCB	205						
2,2',3,3',4,4',5,5',6 - NoCB	206						
2,2',3,3',4,4',5,6,6' - NoCB	207						
2,2',3,3',4,5,5',6,6' - NoCB	208						
2,2',3,3',4,4',5,5',6,6' - DeCB	209						

(1) C = co-eluting congener; U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-581

CLIENT ID:
LDW-B5a-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	22-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-5	
Matrix:	TISSUE		**Sample Size:**	2.25	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	12-Feb-2005	**Time:** 14:26:18	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_075 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_075 S:7** **PB5C_085 S:9**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		62.6	0.290
Total Dichloro Biphenyls		2610	0.798
Total Trichloro Biphenyls		50600	0.518
Total Tetrachloro Biphenyls		195000	0.532
Total Pentachloro Biphenyls		200000	0.431
Total Hexachloro Biphenyls		178000	56.9
Total Heptachloro Biphenyls		89100	1.77
Total Octachloro Biphenyls		15300	1.05
Total Nonachloro Biphenyls		725	0.209
Decachloro Biphenyl		63.8	0.0160
TOTAL PCBs		732000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation

14743PCBTOTAL 1.xls S10

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B5a-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		**Sample Collection:**	22-Aug-2004
Contract No.:	4033	**Project Number:**	04-08-06-21
Matrix:	TISSUE	**Lab Sample ID:**	L7510-5
Sample Size:	2.25 g (wet)	**GC Column ID(s):**	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	**Sample Datafile(s):**	**PB5C_075 S:7** **PB5C_085 S:9**

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			1440	0.499	0.0001	1.44E-01	1.44E-01
3,4,4',5-TetraCB	81			67.6	0.439	0.0001	6.76E-03	6.76E-03
2,3,3',4,4'-PentaCB	105			8210	0.331	0.0001	8.21E-01	8.21E-01
2,3,4,4',5-PentaCB	114			526	0.330	0.0005	2.63E-01	2.63E-01
2,3',4,4',5-PentaCB	118			28000	268	0.0001	2.80E+00	2.80E+00
2',3,4,4',5-PentaCB	123			433	0.342	0 0001	4.33E-02	4.33E-02
3,3',4,4',5-PentaCB	126			52.5	0.399	0.1	5.25E+00	5.25E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	2530	0 267	0.0005	1 26E+00	1.26E+00
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			1040	0.227	0.00001	1.04E-02	1.04E-02
3,3',4,4',5.5'-HexaCB	169		U		56.9	0.01	2.85E-01	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	180			228	1.77	0.0001	2.28E-02	2.28E-02
						TOTAL TEQ	10.9	10.6

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations

These pages are part of a larger report that may contain information necessary for full data evaluation

14743PCBTEQ_1 [illegible]TEQ

Approved by _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B8a-T

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04 08 06 21	
Contract No.:	4033		Lab Sample ID:	L7510-6	
Matrix:	TISSUE		Sample Size:	3.28	g (wet)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	12-Feb-2005	Time: 15:30:31	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	20		Sample Data Filename:	PB5C_075 S:8	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_074 S:7	
Dilution Factor:	N/A		Cal. Ver. Data Filename:	PB5C_075 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	2.67	0.0736	2.83	1.001
3 - MoCB	2		JB	0.895	0.0975	2.67	0.988
4 - MoCB	3		JB	1.75	0.101	2.93	1.001
2,2' - DiCB	4		B	28.3	0.248	1.50	1.001
2,3 - DiCB	5		J	1.16	0.224	1.52	1 197
2,3' - DiCB	6		B	40 8	0.212	1.47	1 175
2,4 - DiCB	7		J	3 74	0.210	1.53	1 158
2,4' - DiCB	8		B	111	0.203	1.53	1 206
2,5 - DiCB	9		J	5.29	0.208	1.54	1.145
2,6 - DiCB	10		J	1.76	0.204	1.44	1.013
3,3' - DiCB	11		B	9.66	0.240	1.59	0.969
3,4 - DiCB	12	12 + 13	C	17.8	0.238	1.55	0.983
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.228		
4,4' - DiCB	15		B	114	0.290	1.50	1.001
2,2',3 - TriCB	16		B	161	0.228	1.06	1.166
2,2',4 - TriCB	17		B	289	0.200	1 05	1 140
2,2',5 - TriCB	18	18 + 30	C B	538	0 161	1.06	1 114
2,2',6 - TriCB	19		B	48.6	0 189	1.03	1 002
2,3,3' - TriCB	20	20 + 28	C B	1690	0.390	0 99	0.848

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Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-6

CLIENT ID: LDW-B8a-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_075 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	412	0.399	0.99	0.857
2,3,4' - TriCB	22		B	330	0.435	0.99	0.871
2,3,5 - TriCB	23		J	0 621	0 401	0.99	1.283
2,3,6 - TriCB	24		J	5.67	0.140	1.06	1.159
2,3',4 - TriCB	25		B	525	0.365	0.98	0.825
2,3',5 - TriCB	26	26 + 29	C B	1300	0 401	0 99	1 302
2,3',6 - TriCB	27		B	69 1	0 135	1.05	1 152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	1300	0.389	0.99	0.836
2,4',6 - TriCB	32		B	272	0.371	0.98	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			9.87	0.402	1.00	1.275
3,3',4 - TriCB	35			20.6	0.496	1.04	0.985
3,3',5 - TriCB	36		U		0.407		
3,4,4' - TriCB	37		B	366	0 472	1.00	1.001
3,4,5 - TriCB	38		KJ	5.30	0.436	1.57	0 969
3,4',5 - TriCB	39			14.8	0 426	1.07	0 947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	1250	0.206	0 79	1 338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	952	0.214	0.78	1 313
2,2',3,5 - TeCB	43		B	112	0.227	0.84	1.248
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	5590	0.184	0 79	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	359	0.192	0.79	1.148
2,2',3,6' - TeCB	46			88.3	0.231	0.77	1.162
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	399	0.201	0.78	1.275
2,2',4,5' - TeCB	49	49 + 69	C B	6130	0.178	0.79	1.261
2,2',4,6 - TeCB	50	50 + 53	C B	492	0.185	0.79	1.112
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		E				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			7.24	0.141	0.79	1.002
2,3,3',4 - TeCB	55			38.2	0.406	0.70	0.890
2,3,3',4' - TeCB	56		B	1280	0.424	0.74	0.904
2,3,3',5 - TeCB	57			135	0 430	0.72	0.844
2,3,3',5' - TeCB	58			67.0	0.421	0.68	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	383	0.156	0.79	1.304
2,3,4,4' - TeCB	60		B	593	0 415	0 73	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	8570	0 387	0.74	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			246	0.408	0 74	0.864

Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-6

CLIENT ID: LDW-B8a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	1340	0 149	0 79	1 350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	5340	0.395	0.74	0.884
2,3',4,5 - TeCB	67			190	0.389	0.72	0.857
2,3',4,5' - TeCB	68			168	0.388	0.70	0.831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			289	0.392	0.72	0.823
2,3',5',6 - TeCB	73		U		0.155		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	345	0.440	0.74	1.000
3,3',4,5 - TeCB	78		U		0 446		
3,3',4,5' - TeCB	79			202	0.360	0.69	0.970
3,3',5,5' - TeCB	80		U		0.388		
3,4,4',5 - TeCB	81		K	26.1	0.369	0.78	1 000
2,2',3,3',4 - PeCB	82			928	0.452	1.56	0 934
2,2',3,3',5 - PeCB	83	83 + 99	C E				
2,2',3,3',6 - PeCB	84		B	3170	0.431	1.57	1.162
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	3140	0.347	1.58	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C E				
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	3070	0.372	1.57	1 154
2,2',3,4,6' - PeCB	89		U		0.398		
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	8230	0.399	1.57	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			66.1	0.386	1.50	1.102
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			54.4	0.212	1.61	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			464	0.337	1 58	1 093
2,2',4,6,6' - PeCB	104		J	4.31	0.211	1.72	1 001
2,3,3',4,4' - PeCB	105		B	5060	0.305	1.51	1.001
2,3,3',4,5 - PeCB	106		U		0.397		

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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-6

CLIENT ID: LDW-B8a-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_075 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	664	0.415	1.54	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			1840	0.391	1.51	0.998
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			40.1	0.301	1.55	0.946
2,3,3',5,6 - PeCB	112		U		0.298		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			298	0.410	1.52	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			254	0.304	1.57	0.959
2,3',4,5',6 - PeCB	121			16.9	0.292	1.62	1.200
2',3,3',4,5 - PeCB	122			182	0.458	1.52	1.010
2',3,4,4',5 - PeCB	123			302	0.404	1.50	1.000
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			43.2	0.471	1.66	1.000
3,3',4,5,5' - PeCB	127			66.5	0.457	1.50	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	7120	0.429	1.25	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,3',4,5' - HxCB	130			3980	0.522	1.25	0.913
2,2',3,3',4,6 - HxCB	131			434	0.436	1.27	1.159
2,2',3,3',4,6' - HxCB	132		E				
2,2',3,3',5,5' - HxCB	133			1600	0.437	1.26	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	3380	0.449	1.28	1.140
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C E				
2,2',3,3',6,6' - HxCB	136		B	13300	0.231	1.28	1.024
2,2',3,4,4',5 - HxCB	137			1430	0.487	1.25	0.018
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	757	0.414	1.26	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		E				
2,2',3,4,5,6 - HxCB	142		U		0.462		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			6110	0.319	1.28	1.121
2,2',3,4,6,6' - HxCB	145			6.25	0.232	1.17	1.033
2,2',3,4',5,5' - HxCB	146		B	20600	0.402	1.25	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C E				
2,2',3,4',5,6' - HxCB	148			170	0.315	1.26	1.084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B8a-T

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-6 W	
Matrix:	TISSUE		**Sample Size:**	3.28	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	17-Feb-2005	**Time:** 17:56:23	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	500		**Sample Data Filename:**	**PB5C_085 S:10**	
Injection Volume (µL):	1.0		**Blank Data Filename:**	PB5C_074 S:7	
Dilution Factor:	25		**Cal. Ver. Data Filename:**	PB5C_085 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

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Approved by: _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-6 W

CLIENT ID: LDW-B8a-T
Project Number. 04-08-06-21
Sample Data Filename PB5C_085 S 10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124					
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	29200	62.4	1.59	0.925
2,3,3',5,5' - PeCB	111						
2,3,3',5,6 - PeCB	112						
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117					
2,3,4',5,6 - PeCB	117	85 + 116 + 117					
2,3',4,4',5 - PeCB	118		D B	25400	202	1 54	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120						
2,3',4,5',6 - PeCB	121						
2',3,3',4,5 - PeCB	122						
2',3,4,4',5 - PeCB	123						
2',3,4,5,5' - PeCB	124	107 + 124					
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126						
3,3',4,5,5' - PeCB	127						
2,2',3,3',4,4' - HxCB	128	128 + 166					
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	120000	378	1 27	0 929
2,2',3,3',4,5' - HxCB	130						
2,2',3,3',4,6 - HxCB	131						
2,2',3,3',4,6' - HxCB	132		D B	24300	443	1.26	1 174
2,2',3,3',5,5' - HxCB	133						
2,2',3,3',5,6 - HxCB	134	134 + 143					
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C D B	51600	3.14	1.28	1.104
2,2',3,3',6,6' - HxCB	136						
2,2',3,4,4',5 - HxCB	137						
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140					
2,2',3,4,4',6' - HxCB	140	139 + 140					
2,2',3,4,5,5' - HxCB	141		D B	30500	418	1 26	0.903
2,2',3,4,5,6 - HxCB	142						
2,2',3,4,5,6' - HxCB	143	134 + 143					
2,2',3,4,5',6 - HxCB	144						
2,2',3,4,6,6' - HxCB	145						
2,2',3,4',5,5' - HxCB	146						
2,2',3,4',5,6 - HxCB	147	147 + 149	C D B	108000	377	1.27	1.133
2,2',3,4',5,6' - HxCB	148						
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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01-03-2005
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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-6 W

CLIENT ID: LDW-B8a-T
Project Number: 04-08-06-21
Sample Data Filename PB5C_085 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150						
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152						
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	155000	348	1 26	0.899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155						
2,3,3',4,4',5 - HxCB	156	156 + 157					
2,3,3',4,4',5' - HxCB	157	156 + 157					
2,3,3',4,4',6 - HxCB	158						
2,3,3',4,5,5' - HxCB	159						
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161						
2,3,3',4',5,5' - HxCB	162						
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164						
2,3,3',5,5',6 - HxCB	165						
2,3,4,4',5,6 - HxCB	166	128 + 166					
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,3',4,4',5 - HpCB	170		D B	42700	5.25	1.06	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173					
2,2',3,3',4,5,5' - HpCB	172						
2,2',3,3',4,5,6 - HpCB	173	171 + 173					
2,2',3,3',4,5,6' - HpCB	174		D B	44500	4.47	1.06	1 133
2,2',3,3',4,5',6 - HpCB	175						
2,2',3,3',4,6,6' - HpCB	176						
2,2',3,3',4',5,6 - HpCB	177		D B	28900	4.76	1.07	1.145
2,2',3,3',5,5',6 - HpCB	178						
2,2',3,3',5,6,6' - HpCB	179		D B	20600	3.13	1.06	1.010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	118000	4.00	1.05	0.910
2,2',3,4,4',5,6 - HpCB	181						
2,2',3,4,4',5,6' - HpCB	182						
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C D B	38400	4.43	1.06	1.127
2,2',3,4,4',6,6' - HpCB	184						
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186						
2,2',3,4',5,5',6 - HpCB	187		D B	69700	3.99	1.06	1.110
2,2',3,4',5,6,6' - HpCB	188						
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4,4',5,6 - HpCB	190						
2,3,3',4,4',5',6 - HpCB	191						
2,3,3',4,5,5',6 - HpCB	192						

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dd-mm-yyyy

CLIENT ID:
LDW-B8a-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-6	
Matrix:	TISSUE		**Sample Size:**	3.28	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	12-Feb-2005	**Time:** 15:30:31	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_075 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_075 S:8** **PB5C_085 S:10**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		5.32	0.101
Total Dichloro Biphenyls		334	0.290
Total Trichloro Biphenyls		7350	0.496
Total Tetrachloro Biphenyls		47100	0.446
Total Pentachloro Biphenyls		202000	0.471
Total Hexachloro Biphenyls		574000	198
Total Heptachloro Biphenyls		421000	4.72
Total Octachloro Biphenyls		88900	2.63
Total Nonachloro Biphenyls		4480	0.234
Decachloro Biphenyl		75.0	0.0126
TOTAL PCBs		1350000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

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02-03-2005
dd-mm-yyyy

CLIENT ID:
LDW-B8a-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES

Contract No.: 4033

Matrix: TISSUE

Sample Size: 3.28 g (wet)

Concentration Units : ng/kg (wet weight basis)

Sample Collection: 27-Aug-2004

Project Number: 04-08-06-21

Lab Sample ID: L7510-6

GC Column ID(s): SPB-OCTYL

Sample Datafile(s): PB5C_075 S:8
PB5C_085 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			345	0.440	0.0001	3.45E-02	3.45E-02
3,4,4',5-TetraCB	81		U		0.369	0.0001	1.85E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			5060	0.305	0.0001	5.06E-01	5.06E-01
2,3,4,4',5-PentaCB	114			298	0.410	0.0005	1.49E-01	1.49E-01
2,3',4,4',5-PentaCB	118			25400	202	0.0001	2.54E+00	2.54E+00
2',3,4,4',5-PentaCB	123			302	0.404	0.0001	3.02E-02	3.02E-02
3,3',4,4',5-PentaCB	126			43.2	0.471	0.1	4.32E+00	4.32E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	6100	0.420	0.0005	3.05E+00	3.05E+00
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			2550	0.343	0.00001	2.55E-02	2.55E-02
3,3',4,4',5,5'-HexaCB	169		U		198	0.01	9.88E-01	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			1170	4.72	0.0001	1.17E-01	1.17E-01
						TOTAL TEQ	11.9	10.9

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by _____ QA/QC Chemist

02-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B9b-T

			Sample Collection:	11-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-7 i	
Matrix:	TISSUE		**Sample Size:**	10.3	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	17-Feb-2005	**Time:** 2:52:32	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_084 S:7**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_074 S:7	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_084 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	1 30	0.0279	3.08	1.001
3 - MoCB	2		JB	0.259	0.0335	3.12	0.988
4 - MoCB	3		KJB	0.756	0.0409	3.71	1.001
2,2' - DiCB	4		B	9.71	0 146	1.54	1.001
2,3 - DiCB	5		J	0.301	0 129	1.59	1 197
2,3' - DiCB	6		B	13.2	0 119	1 52	1 175
2,4 - DiCB	7		J	1.36	0 115	1.71	1.158
2,4' - DiCB	8		B	29.2	0.110	1.52	1.206
2,5 - DiCB	9		J	1.55	0.118	1 47	1.145
2,6 - DiCB	10		J	0 778	0.117	1 60	1.013
3,3' - DiCB	11		B	4 45	0 132	1 55	0.969
3,4 - DiCB	12	12 + 13	C	4 54	0 127	1 56	0.983
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.128		
4,4' - DiCB	15		B	26.5	0 169	1.49	1 001
2,2',3 - TriCB	16		B	36.0	0 0466	1.06	1.165
2,2',4 - TriCB	17		B	91.5	0.0443	1.05	1.139
2,2',5 - TriCB	18	18 + 30	C B	153	0 0367	1.05	1.113
2,2',6 - TriCB	19		B	15 4	0.0416	1.07	1 001
2,3,3' - TriCB	20	20 + 28	C B	460	0.290	1.00	0.848

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Approved by: _____ QA QC Chemist

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-7

CLIENT ID: LDW-B9b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S 7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	114	0.282	1 02	0.857
2,3,4' - TriCB	22		B	92 1	0.325	1.02	0.872
2,3,5 - TriCB	23		KJ	0.297	0.284	0.87	1.282
2,3,6 - TriCB	24			2.26	0 0307	1.10	1.158
2,3',4 - TriCB	25		B	104	0.262	1.03	0.825
2,3',5 - TriCB	26	26 + 29	C B	288	0.299	1.00	1 301
2,3',6 - TriCB	27		B	29 3	0 0309	1.03	1 150
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	345	0.298	1.01	0.837
2,4',6 - TriCB	32		B	82.6	0.277	1.01	1.197
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			3.49	0 302	0.92	1.273
3,3',4 - TriCB	35		J	1.95	0.338	0.99	0.985
3,3',5 - TriCB	36		U		0.314		
3,4,4' - TriCB	37		B	74.6	0.379	1.03	1.001
3,4,5 - TriCB	38		KJ	0.816	0.301	1 25	0.968
3,4',5 - TriCB	39			4.26	0.297	0.93	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	354	0.0310	0.79	1 337
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	207	0.0293	0.80	1 312
2,2',3,5 - TeCB	43		B	53.8	0.0330	0.80	1 247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	1100	0.0283	0.79	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	109	0.0301	0.79	1 147
2,2',3,6' - TeCB	46			22.5	0.0350	0.80	1 161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	137	0.0299	0.79	1.274
2,2',4,5' - TeCB	49	49 + 69	C B	1180	0.0267	0.79	1.259
2,2',4,6 - TeCB	50	50 + 53	C B	131	0.0294	0 78	1 111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' TeCB	52		B	2450	0.0298	0.79	1 235
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54		J	1 47	0 0208	0.83	1 001
2,3,3',4 - TeCB	55			30.9	0.401	0.74	0 890
2,3,3',4' - TeCB	56		B	271	0.410	0.77	0.904
2,3,3',5 - TeCB	57			23.4	0.393	0.77	0.843
2,3,3',5' - TeCB	58			10 6	0.387	0.79	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	139	0.0239	0.79	1.302
2,3,4,4' - TeCB	60		B	131	0.393	0.78	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	1480	0.362	0.76	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			44 8	0 368	0 79	0 864

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD WEST, SIDNEY B.C CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-7 .

CLIENT ID: LDW-B9b-T
Project Number. 04-08-06-21
Sample Data Filename: PB5C_084 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64		B	325	0.0221	0 79	1 349
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	934	0.381	0.77	0.884
2,3',4,5 - TeCB	67			53 1	0.338	0.77	0.857
2,3',4,5' - TeCB	68			27 1	0.372	0.78	0.831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			57.0	0 389	0.76	0.823
2,3',5',6 - TeCB	73		U		0.0237		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	49.5	0.469	0.76	1.000
3,3',4,5 - TeCB	78		U		0.425		
3,3',4,5' - TeCB	79			38.3	0.338	0.70	0.970
3,3',5,5' - TeCB	80		U		0.385		
3,4,4',5 - TeCB	81		K	5 78	0.400	0.73	1.001
2,2',3,3',4 - PeCB	82			235	0.358	1.58	0.934
2,2',3,3',5 - PeCB	83	83 + 99	C B	2730	0.335	1.58	0.886
2,2',3,3',6 - PeCB	84		B	625	0.359	1.59	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	564	0.281	1.59	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	1990	0.278	1.58	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	533	0.308	1.58	1 155
2,2',3,4,6' - PeCB	89			19.9	0.337	1.56	1 183
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	4190	0.281	1 59	0.869
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	969	0.329	1 58	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C B	3020	0.295	1 58	1.121
2,2',3,5,6' - PeCB	94			11.6	0.318	1.67	1.103
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			11 6	0.0261	1 60	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			62.1	0.282	1 60	1 094
2,2',4,6,6' - PeCB	104		KJ	0.437	0 0244	1.86	1 001
2,3,3',4,4' - PeCB	105		B	853	0 451	1.53	1.001
2,3,3',4,5 - PeCB	106		U		0.386		

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-7 i

CLIENT ID: LDW-B9b-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_084 S 7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	127	0 415	1.52	0 991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			239	0.388	1.54	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C B	3740	0.238	1.58	0.925
2,3,3',5,5' - PeCB	111		K	3.25	0.242	1 21	0 945
2,3,3',5,6 - PeCB	112		U		0.237		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			49.2	0.432	1.65	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		B	2920	0.379	1.53	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			20.3	0.245	1.44	0 959
2,3',4,5',6 - PeCB	121		U		0.241		
2',3,3',4,5 - PeCB	122			34.0	0.442	1.62	1.010
2',3,4,4',5 - PeCB	123			52.2	0.439	1.58	1.000
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			4 43	0.530	1.37	1 000
3,3',4,5,5' - PeCB	127			9.29	0.428	1 59	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	577	0.113	1.25	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	5010	0.108	1 27	0.928
2,2',3,3',4,5' - HxCB	130			303	0 143	1.25	0.913
2,2',3,3',4,6 - HxCB	131			41 4	0.122	1.29	1.159
2,2',3,3',4,6' - HxCB	132		B	1330	0.130	1.26	1.174
2,2',3,3',5,5' - HxCB	133			96.5	0.124	1.27	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	235	0 123	1.27	1.140
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	1640	0.0738	1.27	1.104
2,2',3,3',6,6' - HxCB	136		B	430	0 0563	1.27	1.024
2,2',3,4,4',5 HxCB	137			227	0.134	1.26	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	103	0.114	1 27	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	778	0.131	1.26	0.903
2,2',3,4,5,6 - HxCB	142		U		0 130		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			180	0.0765	1.26	1 121
2,2',3,4,6,6' - HxCB	145			2.42	0.0571	1 23	1.034
2,2',3,4',5,5' - HxCB	146		B	818	0 115	1.27	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	3930	0.111	1.27	1 133
2,2',3,4',5,6' HxCB	148			12.9	0.0783	1.22	1.084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

14743AD5_1 xls S3

Approved by _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD WEST, SIDNEY B C, CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-71

CLIENT ID: LDW-B9b-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			8.93	0 0535	1 25	1 013
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152			3 55	0 0533	1 28	1 007
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	4910	0 0988	1.27	0.899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	0.413	0.0446	1 23	1 001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	394	0.117	1 27	1 000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	440	0.0916	1.26	0.937
2,3,3',4,5,5' - HxCB	159		U		0.0984		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0 0923		
2,3,3',4',5,5' - HxCB	162			10.5	0.0988	1.22	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	267	0.0926	1.26	0.921
2,3,3',5,5',6 - HxCB	165			3.24	0 103	1.27	0 878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	146	0.0886	1.26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		5.32		
2,2',3,3',4,4',5 - HpCB	170		B	647	0 171	1.07	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	223	0.162	1 03	1.163
2,2',3,3',4,5,5' - HpCB	172			123	0 168	1.02	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	652	0.150	1.05	1 133
2,2',3,3',4,5',6 - HpCB	175			31.4	0 143	1.03	1 102
2,2',3,3',4,6,6' - HpCB	176			102	0 105	1 05	1 034
2,2',3,3',4',5,6 - HpCB	177		B	509	0 159	1.05	1.145
2,2',3,3',5,5',6 - HpCB	178			202	0.145	1.04	1.085
2,2',3,3',5,6,6' - HpCB	179		B	348	0.102	1.06	1 010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	1600	0.129	1.05	0.910
2,2',3,4,4',5,6 - HpCB	181			7 99	0 151	0 96	1.156
2,2',3,4,4',5,6' - HpCB	182			11.6	0.144	0.94	1.115
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	570	0.141	1 06	1.127
2,2',3,4,4',6,6' - HpCB	184		J	0.755	0 0967	0.97	1 025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0 106		
2,2',3,4',5,5',6 - HpCB	187		B	1240	0.132	1.06	1.110
2,2',3,4',5,6,6' - HpCB	188		J	1.93	0.0878	1.08	1 001
2,3,3',4,4',5,5' - HpCB	189			22.6	0 385	1.01	1 000
2,3,3',4,4',5,6 - HpCB	190		B	145	0.130	1 04	0.947
2,3,3',4,4',5',6 - HpCB	191			26 1	0.125	1.05	0.917
2,3,3',4,5,5',6 - HpCB	192		U		0 131		

Approved by _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P O BOX 2219 2045 MILLS RD. WEST, SIDNEY, B C, CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-7 I

CLIENT ID: LDW-B9b-T
Project Number: 04-08-06-21
Sample Data Filename. PB5C_084 S.7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	199	0.223	0.90	0 991
2,2',3,3',4,4',5,6 - OcCB	195		B	91 4	0.240	0.90	0.946
2,2',3,3',4,4',5,6' - OcCB	196		B	115	0 0108	0 93	0 916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	40.9	0.0076	0.90	1.046
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	276	0.0107	0.90	1 115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	42.3	0 0077	0.91	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	80.9	0.0081	0.91	1.000
2,2',3,4,4',5,5',6 - OcCB	203		B	168	0.0098	0.90	0.920
2,2',3,4,4',5,6,6' - OcCB	204		KJB	0 122	0.0079	1.04	1.039
2,3,3',4,4',5,5',6 - OcCB	205		B	11.0	0.201	0.94	1.001
2,2',3,3',4,4',5,5',6 - NoCB	206		B	50.2	0.0569	0.78	1.000
2,2',3,3',4,4',5,6,6' - NoCB	207			7 95	0.0440	0.83	1.020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	16.4	0.0441	0.76	1.001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	9 08	0.0100	0.68	1.000

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration, E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743AD5_ I xls. S3 Approved by _____ QA/QC Chemist 01-03-2005 dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P0 B0X 2219, 2045 MILLS RD. WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID.
LDW-B9b-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

		Sample Collection:	11-Aug-2004
Lab Name: AXYS ANALYTICAL SERVICES		**Project Number:**	04-08-06-21
Contract No.:	4033	**Lab Sample ID:**	L7510-7 i
Matrix:	TISSUE	**Sample Size:**	10.3 g (wet)
Sample Receipt Date:	16-Dec-2004	**Initial Calibration Date:**	04-Feb-2005
Extraction Date:	27-Jan-2005	**Instrument ID:**	HR GC/MS
Analysis Date:	17-Feb-2005 **Time:** 2:52:32	**GC Column ID:**	SPB-OCTYL
Extract Volume (µL):	20	**Blank Data Filename:**	PB5C 074 S:7
Injection Volume (µL):	1.0	**Cal. Ver. Data Filename:**	PB5C_084 S:1
Dilution Factor:	N/A	**Sample Datafile(s):**	**PB5C_084 S:7**
Concentration Units :	ng/kg (wet weight basis)		

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		1.56	0.0409
Total Dichloro Biphenyls		91.6	0.169
Total Trichloro Biphenyls		1900	0.379
Total Tetrachloro Biphenyls		9360	0.469
Total Pentachloro Biphenyls		23000	0.530
Total Hexachloro Biphenyls		21900	5.32
Total Heptachloro Biphenyls		6460	0.385
Total Octachloro Biphenyls		1020	0.240
Total Nonachloro Biphenyls		74.6	0.0569
Decachloro Biphenyl		9.08	0.0100
TOTAL PCBs		63800	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL Data S12

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
PCB-TEQ-DL_4

CLIENT ID:
LDW-B9b-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	11-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-7 i
Sample Size:	10.3 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng kg (wet weight basis)	Sample Datafile(s):	PB5C_084 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			49.5	0 469	0 0001	4 95E-03	4.95E-03
3,4,4',5-TetraCB	81		U		0.400	0.0001	2.00E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			853	0 451	0.0001	8.53E-02	8.53E-02
2,3,4,4',5-PentaCB	114			49.2	0.432	0.0005	2.46E-02	2.46E-02
2,3',4,4',5-PentaCB	118			2920	0.379	0.0001	2.92E-01	2.92E-01
2',3,4,4',5-PentaCB	123			52.2	0.439	0.0001	5.22E-03	5.22E-03
3,3',4,4',5-PentaCB	126			4.43	0.530	0 1	4.43E-01	4.43E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	394	0.117	0.0005	1 97E-01	1.97E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			146	0.0886	0.00001	1.46E-03	1.46E-03
3,3',4,4',5,5'-HexaCB	169		U		5.32	0.01	2.66E-02	0.00E+00
2,3,3',4,4',5,5' HeptaCB	189			22.6	0.385	0.0001	2.26E 03	2.26E-03
						TOTAL TEQ	1.08	1 06

(1) C = co-eluting congener U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTEQ_1 ... TEQ

Approved by _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-B10a-T

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04 08 06 21	
Contract No.:	4033		Lab Sample ID:	L7510-8	
Matrix:	TISSUE		Sample Size:	7 92	g (wet)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	12-Feb-2005	Time: 17:38:58	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	20		Sample Data Filename:	PB5C_075 S:10	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_074 S:7	
Dilution Factor:	N/A		Cal. Ver. Data Filename:	PB5C_075 S.1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	0.382	0 0435	2.83	1.000
3 - MoCB	2		JB	0.526	0.0610	2.89	0.988
4 - MoCB	3		JB	0.442	0 0674	3.25	1.000
2,2' - DiCB	4		B	8.72	0.192	1 55	1 001
2,3 - DiCB	5		J	0.201	0 169	1.53	1.196
2,3' - DiCB	6		B	7.28	0.160	1.56	1 175
2,4 - DiCB	7		J	0 753	0.158	1.65	1.158
2,4' - DiCB	8		B	16.5	0.153	1.56	1.206
2,5 - DiCB	9		J	1 09	0.157	1.54	1.145
2,6 - DiCB	10		J	0.632	0.154	1.51	1.013
3,3' - DiCB	11		B	13 1	0 181	1.49	0.969
3,4 - DiCB	12	12 + 13	C J	4.05	0.180	1.53	0.983
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0 172		
4,4' - DiCB	15		B	22.7	0.214	1.55	1 001
2,2',3 - TriCB	16		B	28.8	0.0806	1 08	1 166
2,2',4 - TriCB	17		B	71.0	0 0708	1.04	1 139
2,2',5 - TriCB	18	18 + 30	C B	130	0.0569	1.05	1 113
2,2',6 - TriCB	19		B	16 7	0 0672	1.04	1 001
2,3,3' - TriCB	20	20 + 28	C B	358	0 150	0.99	0.849

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Approved by: _____ QA/QC Chemist

27-02-2005
dd-mm-yyyy

AXYS METHOD MLA-010 Rev 05 | CLIENT ID: | LDW-B10a-T

Form 1A

Lab Sample ID L7510-8 | Project Number | 04-08-06-21

Sample Data Filename | PB5C_075 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	58.9	0 154	0.98	0 857
2,3,4' - TriCB	22		B	71 5	0 168	0.99	0 872
2,3,5 - TriCB	23		J	0.243	0 155	0.98	1 284
2,3,6 - TriCB	24		J	1.73	0 0495	1 04	1 159
2,3',4 - TriCB	25		B	65.8	0 141	0.98	0.825
2,3',5 - TriCB	26	26 + 29	C B	172	0 155	0.99	1.302
2,3',6 - TriCB	27		B	30.1	0 0478	1 05	1.151
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	261	0.150	0 98	0.837
2,4',6 - TriCB	32		B	58.6	0.143	0.98	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34		J	2.30	0.155	1.03	1.274
3,3',4 - TriCB	35		KJ	2.42	0.192	1.21	0.985
3,3',5 - TriCB	36		KJ	0.320	0.157	0.55	0.932
3,4,4' - TriCB	37		B	58.2	0 181	0.97	1.001
3,4,5 - TriCB	38		KJ	0.775	0.168	1.20	0.969
3,4',5 - TriCB	39		J	2.50	0.165	1.00	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	174	0.0971	0.78	1 338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	98.0	0.101	0.78	1 313
2,2',3,5 - TeCB	43		B	19.0	0.107	0.77	1 247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	634	0.0865	0.79	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	74.7	0.0906	0.79	1 147
2,2',3,6' - TeCB	46			13.2	0 109	0.77	1 161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	70.2	0.0946	0 78	1 274
2,2',4,5' - TeCB	49	49 + 69	C B	556	0 0841	0 79	1 260
2,2',4,6 - TeCB	50	50 + 53	C B	111	0 0874	0 78	1 112
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		B	1350	0.0004	0 70	1.236
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54		J	1.75	0.0656	0.82	1.002
2,3,3',4 - TeCB	55			4.30	0.437	0.74	0.889
2,3,3',4' - TeCB	56		B	178	0.456	0.72	0.904
2,3,3',5 - TeCB	57			9.96	0.462	0.72	0.843
2,3,3',5' - TeCB	58			4.80	0.454	0.78	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	60.3	0.0737	0.78	1.303
2,3,4,4' - TeCB	60		B	95 4	0.446	0.73	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	938	0.417	0.75	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			30.1	0 440	0.75	0.864

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Approved by _____ QA/QC Chemist

27-02-2005
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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-8

CLIENT ID: LDW-B10a-T
Project Number: 04-08-06-21
Sample Data Filename PB5C_075 S 10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	217	0.0703	0 78	1 350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	585	0.425	0.74	0 884
2,3',4,5 - TeCB	67			16.8	0.419	0 71	0.856
2,3',4,5' - TeCB	68			13.2	0.417	0.76	0 831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			23.9	0.422	0.69	0.823
2,3',5',6 - TeCB	73		U		0.0731		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	33.3	0.470	0.71	1.000
3,3',4,5 - TeCB	78		U		0.480		
3,3',4,5' - TeCB	79			13 4	0.387	0.70	0.970
3,3',5,5' - TeCB	80		U		0 418		
3,4,4',5 - TeCB	81		KJ	2.24	0 406	0.73	1.000
2,2',3,3',4 - PeCB	82			55 1	0.501	1.58	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C B	1220	0.448	1.58	0.885
2,2',3,3',6 - PeCB	84		B	221	0.477	1 59	1 163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	290	0.385	1.58	0 920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	659	0.377	1.57	0 901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	216	0.413	1.58	1.155
2,2',3,4,6' - PeCB	89			5.53	0.442	1.62	1.182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	1380	0.380	1.57	0.869
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	425	0.443	1.59	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C B	1420	0.401	1.58	1.121
2,2',3,5,6' - PeCB	94			6 38	0.428	1.57	1 103
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			6.18	0.0864	1.58	1 015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			20 1	0.374	1 56	1.094
2,2',4,6,6' - PeCB	104		KJ	0.267	0 0860	2.70	1.001
2,3,3',4,4' - PeCB	105		B	434	0 432	1 51	1 000
2,3,3',4,5 - PeCB	106		U		0.427		

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Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID [illegible]7510-8

CLIENT ID: LDW-B10a-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_075 S 10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	50.2	0 447	1 52	0 991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			131	0 422	1.52	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C B	1620	0.334	1.57	0.925
2,3,3',5,5' - PeCB	111		J	1.92	0.334	1.74	0.945
2,3,3',5,6 - PeCB	112		U		0.331		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			25.5	0.413	1.54	1 000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		B	1340	0.379	1.51	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			10.4	0.337	1.70	0 959
2,3',4,5',6 - PeCB	121		J	0.699	0.323	1.35	1.201
2',3,3',4,5 - PeCB	122			14.5	0.493	1.58	1 010
2',3,4,4',5 - PeCB	123			24.5	0.417	1.53	1.000
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			2.60	0 510	1.58	1.000
3,3',4,5,5' - PeCB	127			4.96	0 492	1.49	1 042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	294	0 410	1.29	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	2610	0.388	1.25	0.928
2,2',3,3',4,5' - HxCB	130			141	0 498	1.27	0.913
2,2',3,3',4,6 - HxCB	131			9.33	0.416	1.23	1.159
2,2',3,3',4,6' - HxCB	132		B	449	0 435	1.25	1.174
2,2',3,3',5,5' - HxCB	133			48 6	0.417	1.24	1 191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	92.4	0.428	1.25	1 140
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	847	0.186	1 27	1 104
2,2',3,3',6,6' - HxCB	136		B	207	0.140	1 28	1.024
2,2',3,4,4',5 - HxCB	137			107	0.464	1.24	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	42.4	0.395	1.23	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	288	0.432	1.26	0.903
2,2',3,4,5,6 - HxCB	142		U		0.440		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			73.9	0.193	1.28	1.121
2,2',3,4,6,6' - HxCB	145		J	0 620	0 141	1 36	1.033
2,2',3,4',5,5' - HxCB	146		B	427	0 384	1 26	0 884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	1680	0.374	1.26	1 133
2,2',3,4',5,6' - HxCB	148			5.69	0 191	1 33	1 084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

Approved by _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST SIDNEY B C CANADA V8L 3S8 TEL 250 655-5800 FAX 250 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-8

CLIENT ID: LDW-B10a-T
Project Number. 04-08-06-21
Sample Data Filename PB5C_075 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			3.48	0 138	1 25	1.013
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152		J	1.59	0.135	1.43	1.006
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	2470	0.332	1.25	0.899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		KJ	0 219	0 120	2.22	1.001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	195	0.410	1.24	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	225	0 328	1 24	0.938
2,3,3',4,5,5' - HxCB	159		U		0.358		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.319		
2,3,3',4',5,5' - HxCB	162			6.03	0.356	1.17	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	129	0.331	1.26	0.921
2,3,3',5,5',6 - HxCB	165		J	1.59	0.350	1.11	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	79.0	0.311	1.25	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		3.22		
2,2',3,3',4,4',5 - HpCB	170		B	481	0.216	1 05	0 936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	153	0.199	1.05	1 162
2,2',3,3',4,5,5' - HpCB	172			82.6	0.205	1.07	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	393	0.184	1 05	1.133
2,2',3,3',4,5',6 - HpCB	175			22.0	0.172	1.10	1.102
2,2',3,3',4,6,6' - HpCB	176			53.7	0.125	1.04	1.034
2,2',3,3',4',5,6 - HpCB	177		B	359	0.191	1.04	1.145
2,2',3,3',5,5',6 - HpCB	178			141	0.175	1.06	1.085
2,2',3,3',5,6,6' - HpCB	179		B	238	0.121	1.06	1.009
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	1200	0 166	1.05	0.910
2,2',3,4,4',5,6 - HpCB	181			4.26	0.181	1.11	1.156
2,2',3,4,4',5,6' - HpCB	182			4.73	0.177	1.19	1.115
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	401	0 173	1.05	1 127
2,2',3,4,4',6,6' - HpCB	184		KJ	0 375	0 114	1.36	1 024
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0 127		
2,2',3,4',5,5',6 - HpCB	187		B	836	0.161	1.05	1.110
2,2',3,4',5,6,6' - HpCB	188		J	1.23	0.0973	1.07	1.000
2,3,3',4,4',5,5' - HpCB	189			14.7	0.229	0.96	1.000
2,3,3',4,4',5,6 - HpCB	190		B	117	0 172	1 05	0.947
2,3,3',4,4',5',6 - HpCB	191			20.7	0.162	1.07	0.917
2,3,3',4,5,5',6 - HpCB	192		U		0 171		

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Approved by. _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 6 of 6
Lab Sample ID L7510-3

CLIENT ID: LDW-B10a-T
Project Number 04-08-06-21
Sample Data Filename PB5C_075 S 10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	137	0 101	0 89	0 991
2,2',3,3',4,4',5,6 - OcCB	195		B	73.9	0 117	0.88	0.945
2,2',3,3',4,4',5,6' - OcCB	196		B	91 2	0 0078	0.91	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	24.4	0 0053	0.89	1.046
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	177	0 0080	0.91	1.115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	27.8	0.0053	0.89	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	49.2	0.0052	0.92	1 000
2,2',3,4,4',5,5',6 - OcCB	203		B	134	0.0075	0.90	0.919
2,2',3,4,4',5,6,6' - OcCB	204		KJB	0.112	0.0054	1 16	1.039
2,3,3',4,4',5,5',6 - OcCB	205		B	7.46	0.0891	0.91	1.000
2,2',3,3',4,4',5,5',6 - NoCB	206		B	41.7	0.0541	0 76	1.000
2,2',3,3',4,4',5,6,6' - NoCB	207			6.69	0.0440	0.74	1 020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	12.2	0.0433	0.83	1.000
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	13 3	0.0044	0.68	1.000

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration. E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL. B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

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Approved by: _____ QA/QC Chemist

27-02-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B10a-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-8	
Matrix:	TISSUE		**Sample Size:**	7 92	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	12-Feb-2005	**Time:** 17:38:58	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_075 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_075 S:10**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		1.35	0.0674
Total Dichloro Biphenyls		75.0	0.214
Total Trichloro Biphenyls		1390	0.192
Total Tetrachloro Biphenyls		5330	0.480
Total Pentachloro Biphenyls		9590	0.510
Total Hexachloro Biphenyls		10400	3.22
Total Heptachloro Biphenyls		4520	0.229
Total Octachloro Biphenyls		722	0.117
Total Nonachloro Biphenyls		60.6	0.0541
Decachloro Biphenyl		13.3	0.0044
TOTAL PCBs		32100	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL 1 45 S5

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B10a-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES

Contract No.:	4033	Sample Collection:	25-Aug-2004
Matrix:	TISSUE	Project Number:	04-08-06-21
Sample Size:	7 92 g (wet)	Lab Sample ID:	L7510-8
Concentration Units :	ng/kg (wet weight basis)	GC Column ID(s):	SPB-OCTYL
		Sample Datafile(s):	PB5C_075 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			33.3	0.470	0.0001	3.33E-03	3.33E-03
3,4,4',5-TetraCB	81		U		0.406	0 0001	2.03E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			434	0 432	0 0001	4 34E-02	4.34E-02
2,3,4,4',5-PentaCB	114			25.5	0.413	0 0005	1 27E-02	1.27E-02
2,3',4,4',5-PentaCB	118			1340	0.379	0.0001	1 34E-01	1.34E-01
2',3,4,4',5-PentaCB	123			24.5	0 417	0.0001	2 45E-03	2.45E-03
3,3',4,4',5-PentaCB	126			2.60	0 510	0 1	2.60E-01	2.60E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	195	0.410	0 0005	9 76E-02	9.76E-02
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			79.0	0.311	0.00001	7.90E-04	7 90E-04
3,3',4,4',5,5'-HexaCB	169		U		3.22	0.01	1 61E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			14.7	0.229	0.0001	1.47E-03	1.47E-03
						TOTAL TEQ	0.572	0.556

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

4743PCBTEQ_ ... TEQ

Approved by: [signature] QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C1-T

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04 08 06 21
Matrix:	TISSUE	Lab Sample ID:	L7510-9
Sample Receipt Date:	16-Dec-2004	Sample Size:	10.1 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	12-Feb-2005 Time: 23:09:24	Instrument ID:	HR GC/MS
Extract Volume (µL):	20	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1 0	Sample Data Filename:	PB5C_076 S:4
Dilution Factor:	N/A	Blank Data Filename:	PB5C_074 S:7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_076 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	1.23	0.0205	3.20	1 001
3 - MoCB	2		JB	0.311	0.0222	3.41	0.988
4 - MoCB	3		JB	0.819	0.0250	3.43	1 000
2,2' - DiCB	4		B	23.0	0 121	1.50	1.001
2,3 - DiCB	5		J	0.804	0.0922	1.72	1 199
2,3' - DiCB	6		B	16.9	0.0882	1.52	1 176
2,4 - DiCB	7			2.30	0.0878	1.61	1 158
2,4' - DiCB	8		B	44.3	0.0816	1.51	1.208
2,5 - DiCB	9			3.10	0.0877	1.57	1.146
2,6 - DiCB	10		J	1 31	0.0820	1.48	1.013
3,3' - DiCB	11		B	14 5	0.0940	1.49	0.969
3,4 - DiCB	12	12 + 13	C	7.98	0.0945	1.44	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.0873		
4,4' - DiCB	15		B	53.8	0.106	1.49	1.001
2,2',3 - TriCB	16		B	78.3	0.0252	1.06	1.166
2,2',4 - TriCB	17		B	135	0.0233	1.07	1 139
2,2',5 - TriCB	18	18 + 30	C B	237	0.0188	1.06	1 113
2,2',6 - TriCB	19		B	34 6	0.0264	1.07	1 001
2,3,3' - TriCB	20	20 + 28	C B	630	0.107	1 00	0.849

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Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-9

CLIENT ID: LDW-C1-T
Project Number. 04-08-06-21
Sample Data Filename. PB5C_076 S:4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	164	0 105	0.99	0.857
2,3,4' - TriCB	22		B	164	0.115	1.00	0.873
2,3,5 - TriCB	23		J	0.371	0 109	0.95	1.284
2,3,6 - TriCB	24			3.29	0.0167	1.02	1.158
2,3',4 - TriCB	25		B	99.7	0.0961	1.00	0.825
2,3',5 - TriCB	26	26 + 29	C B	220	0 108	1 00	1.302
2,3',6 - TriCB	27		B	49 5	0 0159	1 07	1 152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	438	0.104	1.00	0.837
2,4',6 - TriCB	32		B	116	0.0996	0.99	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			2.82	0.107	0.98	1.275
3,3',4 - TriCB	35			8.09	0.125	0.98	0.986
3,3',5 - TriCB	36		J	0.794	0.111	1.02	0.932
3,4,4' - TriCB	37		B	157	0 126	1.00	1.001
3,4,5 - TriCB	38		J	0.839	0.123	1.12	0.969
3,4',5 - TriCB	39			4.15	0.112	0.92	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	455	0.0355	0.79	1.337
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	245	0.0363	0.79	1.313
2,2',3,5 - TeCB	43		B	34.0	0.0396	0.79	1.247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	994	0.0321	0.79	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	124	0.0338	0.79	1.147
2,2',3,6' - TeCB	46			42.3	0.0397	0.80	1.162
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	142	0.0344	0.79	1.275
2,2',4,5' - TeCB	49	49 + 69	C B	796	0.0301	0.79	1.261
2,2',4,6 - TeCB	50	50 + 53	C B	138	0.0327	0.79	1.111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' TeCB	52		B	1680	0.0323	0.79	1 235
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			2.88	0.0283	0.78	1.001
2,3,3',4 - TeCB	55			18.8	0.453	0.76	0.890
2,3,3',4' - TeCB	56		B	383	0.462	0.75	0.905
2,3,3',5 - TeCB	57			13.8	0.435	0.85	0.844
2,3,3',5' - TeCB	58			7 53	0.432	0.73	0.852
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	126	0.0268	0.79	1.303
2,3,4,4' - TeCB	60		B	197	0.463	0.75	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	1480	0.430	0.75	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			36 5	0 427	0 75	0 865

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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-9

CLIENT ID: LDW-C1-T
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S 4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	346	0 0266	0.79	1.350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	1040	0.437	0.76	0.885
2,3',4,5 - TeCB	67			37 5	0.396	0 75	0.856
2,3',4,5' - TeCB	68			16.0	0.413	0 73	0.832
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			33.2	0.417	0.75	0.823
2,3',5',6 - TeCB	73		U		0.0260		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	71 5	0 483	0.74	1 000
3,3',4,5 - TeCB	78		U		0.519		
3,3',4,5' - TeCB	79		K	17.9	0.426	0.60	0.971
3,3',5,5' - TeCB	80		U		0.430		
3,4,4',5 - TeCB	81			3.04	0.462	0 80	1.001
2,2',3,3',4 - PeCB	82			176	0.134	1.59	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C B	1390	0.116	1.58	0.885
2,2',3,3',6 - PeCB	84		B	361	0.122	1 60	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	313	0 0988	1.60	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	1050	0 0992	1.59	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	286	0.106	1.60	1 154
2,2',3,4,6' - PeCB	89			15.5	0.115	1.61	1 183
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	2240	0.0995	1.59	0.869
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	631	0 113	1.59	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C B	1820	0.103	1.59	1.121
2,2',3,5,6' - PeCB	94			10.8	0.110	1.59	1.102
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			9.93	0 0406	1.62	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			43.7	0.0956	1.60	1.094
2,2',4,6,6' - PeCB	104		J	0.516	0.0436	1 55	1.001
2,3,3',4,4' - PeCB	105		B	478	0.417	1 52	1.000
2,3,3',4,5 - PeCB	106		U		0.415		

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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-9

CLIENT ID: LDW-C1-T
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S.4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	64.3	0 420	1.51	0 991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			116	0.381	1.51	0 997
2,3,3',4',6 - PeCB	110	110 + 115	C B	1980	0.0862	1.59	0.925
2,3,3',5,5' - PeCB	111			3.55	0.0876	1 68	0.945
2,3,3',5,6 - PeCB	112		U		0.0879		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			29.8	0.400	1.48	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110		*		
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		B	1290	0.379	1.51	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			15.2	0.0891	1.67	0.959
2,3',4,5',6 - PeCB	121		J	1.88	0.0820	1.66	1.201
2',3,3',4,5 - PeCB	122			23.9	0.461	1 49	1.010
2',3,4,4',5 - PeCB	123			32.6	0.409	1.52	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			3.51	0.504	1.56	1.000
3,3',4,5,5' - PeCB	127			2.42	0.457	1.40	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	295	0.610	1.26	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	2350	0.586	1.26	0.929
2,2',3,3',4,5' - HxCB	130			189	0.741	1.27	0.913
2,2',3,3',4,6 - HxCB	131			22.6	0.639	1.31	1.159
2,2',3,3',4,6' - HxCB	132		B	652	0.667	1.27	1.174
2,2',3,3',5,5' - HxCB	133			90.1	0.651	1.25	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	141	0.664	1.26	1.139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	1200	0.0916	1.28	1 104
2,2',3,3',6,6' - HxCB	136		B	311	0.0699	1.28	1 024
2,2',3,4,4',5 HxCB	137			100	0.683	1.26	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	48.7	0.593	1.27	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	257	0.669	1.26	0.903
2,2',3,4,5,6 - HxCB	142		U		0.674		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			112	0.0959	1.28	1.121
2,2',3,4,6,6' - HxCB	145		J	0.732	0.0710	1.20	1.033
2,2',3,4',5,5' - HxCB	146		B	627	0 596	1 26	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	2260	0.567	1.27	1 133
2,2',3,4',5,6' HxCB	148			11 7	0 0953	1 32	1 084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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AXYS ANALYTICAL SERVICES LTD P O BOX 2219 2045 MILLS RD. WEST. SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID LB510-9

CLIENT ID: LDW-C1-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_076 S 4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			7.01	0 0676	1 29	1.012
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152		J	1.68	0.0656	1.39	1.006
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	2590	0.508	1.26	0.899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	0.573	0.0609	1 37	1.001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	163	0.673	1 27	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	207	0.487	1.27	0.938
2,3,3',4,5,5' - HxCB	159		U		0.548		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.491		
2,3,3',4',5,5' - HxCB	162			7.25	0.548	1 14	0 989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	214	0.513	1 26	0.921
2,3,3',5,5',6 - HxCB	165			2.46	0.521	1.19	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	85.8	0.508	1 28	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		1 21		
2,2',3,3',4,4',5 - HpCB	170		B	232	0.120	1.05	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	184	0 111	1 06	1 163
2,2',3,3',4,5,5' - HpCB	172			43 1	0 116	1 06	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	296	0.0987	1 07	1 133
2,2',3,3',4,5',6 - HpCB	175			37.8	0 0957	1 05	1 102
2,2',3,3',4,6,6' - HpCB	176			89.6	0.0704	1.05	1 034
2,2',3,3',4',5,6 - HpCB	177		B	557	0.110	1.07	1.145
2,2',3,3',5,5',6 - HpCB	178			283	0.0992	1.06	1.085
2,2',3,3',5,6,6' - HpCB	179		B	328	0.0685	1.06	1.009
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	1040	0.0923	1.06	0.910
2,2',3,4,4',5,6 - HpCB	181			3.45	0.101	1.12	1.156
2,2',3,4,4',5,6' - HpCB	182			8.16	0.0988	1.02	1.116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	476	0.0971	1.07	1.127
2,2',3,4,4',6,6' - HpCB	184		J	0.638	0.0650	1.14	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0.0715		
2,2',3,4',5,5',6 - HpCB	187		B	1150	0 0904	1.07	1.110
2,2',3,4',5,6,6' - HpCB	188			1.98	0.0578	1.00	1.000
2,3,3',4,4',5,5' - HpCB	189			7.52	0.149	0.93	1.000
2,3,3',4,4',5,6 - HpCB	190		B	82.5	0.0889	1.06	0.947
2,3,3',4,4',5',6 - HpCB	191			25 8	0.0865	1.08	0.918
2,3,3',4,5,5',6 - HpCB	192		U		0 0907		

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01-03-2005
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Lab Sample ID L7510-9

CLIENT ID: LDW-C1-T

Project Number: 04-08-06-21

Sample Data Filename: PB5C_076 S:4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	43 8	0 0906	0.90	0.991
2,2',3,3',4,4',5,6 - OcCB	195		B	21 9	0 0960	0.88	0.945
2,2',3,3',4,4',5,6' - OcCB	196		B	94.9	0 0049	0.93	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	17 5	0.0034	0.99	1.045
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	221	0 0049	0.92	1 115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	52.6	0.0035	0.94	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	131	0.0039	0 92	1.001
2,2',3,4,4',5,5',6 - OcCB	203		B	68.5	0 0045	0.89	0.920
2,2',3,4,4',5,6,6' - OcCB	204		JB	0.054	0 0034	0.99	1.040
2,3,3',4,4',5,5',6 - OcCB	205		D	3.00	0 0744	0.95	1.000
2,2',3,3',4,4',5,5',6 - NoCB	206		B	10.3	0.0300	0.83	1.000
2,2',3,3',4,4',5,6,6' - NoCB	207		J	1.15	0 0237	0.72	1 020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	2.88	0.0248	0.78	1 000
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	2.23	0.0037	0 63	1 000

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration, E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743AD3_1.xls S2

Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

CLIENT ID:
LDW-C1-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	26-Aug-2004
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21
Contract No.:	4033		**Lab Sample ID:**	L7510-9
Matrix:	TISSUE		**Sample Size:**	10.1 g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS
Analysis Date:	12-Feb-2005	**Time:** 23:09:24	**GC Column ID:**	SPB-OCTYL
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_076 S:1
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_076 S:4**
Concentration Units :	ng/kg (wet weight basis)			

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		2.36	0.0250
Total Dichloro Biphenyls		168	0.121
Total Trichloro Biphenyls		2540	0.126
Total Tetrachloro Biphenyls		8460	0.519
Total Pentachloro Biphenyls		12400	0.504
Total Hexachloro Biphenyls		12000	1.21
Total Heptachloro Biphenyls		4850	0.149
Total Octachloro Biphenyls		654	0.0960
Total Nonachloro Biphenyls		14.3	0.0300
Decachloro Biphenyl		2.23	0.0037
TOTAL PCBs		41000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL [illegible]

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

CLIENT ID:
LDW-C1-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-9
Sample Size:	10.1 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	Sample Datafile(s):	PB5C_076 S:4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			71.5	0.483	0.0001	7.15E-03	7.15E-03
3,4,4',5-TetraCB	81			3.04	0.462	0.0001	3.04E-04	3.04E-04
2,3,3',4,4'-PentaCB	105			478	0.417	0.0001	4.78E-02	4.78E-02
2,3,4,4',5-PentaCB	114			29.8	0.400	0.0005	1.49E-02	1.49E-02
2,3',4,4',5-PentaCB	118			1290	0.379	0.0001	1.29E-01	1.29E-01
2',3,4,4',5-PentaCB	123			32.6	0.409	0.0001	3.26E-03	3.26E-03
3,3',4,4',5-PentaCB	126			3.51	0.504	0.1	3.51E-01	3.51E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	163	0.673	0.0005	8.15E-02	8.15E-02
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			85.8	0.508	0.00001	8.58E-04	8.58E-04
3,3',4,4',5,5'-HexaCB	169		U		1.21	0.01	6.07E-03	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			7.52	0.149	0.0001	7.52E-04	7.52E-04
						TOTAL TEQ	0.643	0.637

(1) C = co-eluting congener, U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTEQ_1 xls S13 TEQ

Approved by _____ QA/QC Chemist

02-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C2-2-T

Lab Name. AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-10
Sample Receipt Date:	16-Dec-2004	Sample Size:	10.2 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	13-Feb-2005 Time: 0:13:36	Instrument ID:	HR GC/MS
Extract Volume (µL):	20	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1 0	Sample Data Filename:	PB5C_076 S:5
Dilution Factor:	N/A	Blank Data Filename:	PB5C_074 S 7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_076 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	1.00	0.0254	3.24	1.001
3 - MoCB	2		JB	0.293	0.0290	2.83	0.989
4 - MoCB	3		JB	0 715	0.0341	3.10	1.001
2,2' - DiCB	4		B	21.8	0 105	1 50	1.001
2,3 - DiCB	5		J	0.558	0.0870	1 61	1.198
2,3' - DiCB	6		B	16.6	0.0832	1 49	1 176
2,4 - DiCB	7			2.08	0.0829	1 46	1 158
2,4' - DiCB	8		B	42.1	0.0771	1 51	1.207
2,5 - DiCB	9			3.00	0.0828	1 49	1 146
2,6 - DiCB	10		J	1.40	0.0774	1.57	1.014
3,3' DiCB	11		B	14.6	0 0887	1 58	0 969
3,4 - DiCB	12	12 + 13	C	9 14	0 0892	1.52	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0 0824		
4,4' - DiCB	15		B	53.8	0 106	1 50	1 001
2,2',3 - TriCB	16		B	90.2	0 0347	1.07	1 165
2,2',4 - TriCB	17		B	169	0.0321	1.06	1 139
2,2',5 - TriCB	18	18 + 30	C B	290	0.0259	1.07	1 113
2,2',6 - TriCB	19		B	36.1	0.0345	1.05	1.001
2,3,3' - TriCB	20	20 + 28	C B	788	0.116	1.00	0.848

14743AD3_1.xls S3

Approved by _____ QA/QC Chemist

01-03-2005
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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-10

CLIENT ID: LDW-C2-2-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_076 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	208	0 114	1.00	0.857
2,3,4' - TriCB	22		B	198	0 125	1 00	0 872
2,3,5 - TriCB	23		J	0 430	0 118	0.89	1 283
2,3,6 - TriCB	24			4 03	0.0229	1.07	1 158
2,3',4 - TriCB	25		B	118	0.105	1.00	0.825
2,3',5 - TriCB	26	26 + 29	C B	263	0.117	1.00	1.302
2,3',6 - TriCB	27		B	62.3	0.0218	1.06	1 151
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	574	0.113	1.00	0.836
2,4',6 - TriCB	32		B	140	0.108	1.00	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			3.85	0.116	0.99	1.274
3,3',4 - TriCB	35			9.76	0 136	0.94	0.985
3,3',5 - TriCB	36		KJ	0.742	0 121	0.85	0.931
3,4,4' - TriCB	37		B	168	0.141	1.00	1 001
3,4,5 - TriCB	38		J	1.23	0.134	0.92	0.969
3,4',5 - TriCB	39			5.81	0.121	0.89	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	533	0.0343	0.79	1.337
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	293	0.0351	0.79	1.313
2,2',3,5 - TeCB	43		B	40.2	0.0383	0.79	1.247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	1150	0.0311	0.79	1.286
2,2',3,6 - TeCB	45	45 + 51	C B	153	0 0327	0 79	1.147
2,2',3,6' - TeCB	46			49.4	0.0384	0.79	1.161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	176	0.0333	0.79	1.274
2,2',4,5' - TeCB	49	49 + 69	C B	929	0.0291	0.79	1.260
2,2',4,6 - TeCB	50	50 + 53	C B	169	0.0317	0.79	1.111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		B	1800	0.0312	0.70	1.235
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			3.15	0.0274	0.77	1.001
2,3,3',4 - TeCB	55			20.5	0.497	0.72	0.889
2,3,3',4' - TeCB	56		B	495	0.507	0.74	0.905
2,3,3',5 - TeCB	57			14.0	0 478	0.73	0.844
2,3,3',5' - TeCB	58			7.35	0.474	0.71	0.852
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	151	0.0259	0.79	1.303
2,3,4,4' - TeCB	60		B	256	0 509	0.76	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	1850	0 473	0.75	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			45 3	0 468	0 73	0 865

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Approved by _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P O BOX 2219, 2045 MILLS RD. WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-10

CLIENT ID: LDW-C2-2-T
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	410	0 0257	0.79	1.349
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	1300	0 480	0.74	0.885
2,3',4,5 - TeCB	67			46.2	0.435	0.73	0.857
2,3',4,5' - TeCB	68			17 8	0 453	0.73	0 832
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			38.4	0 458	0 73	0.823
2,3',5',6 - TeCB	73		U		0.0251		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	82.6	0.542	0.75	1.001
3,3',4,5 - TeCB	78		U		0.569		
3,3',4,5' - TeCB	79			28.7	0.468	0 72	0.971
3,3',5,5' - TeCB	80		U		0 473		
3,4,4',5 - TeCB	81			4 03	0.495	0.80	1.001
2,2',3,3',4 - PeCB	82			204	0.226	1.58	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C B	1610	0.195	1.60	0.885
2,2',3,3',6 - PeCB	84		B	394	0.206	1.59	1 162
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	379	0.166	1.59	0.919
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	1220	0.167	1.59	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	327	0.178	1.58	1.154
2,2',3,4,6' - PeCB	89			18.6	0.194	1.55	1 182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	725	0.190	1.60	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C B	1980	0.173	1 58	1.120
2,2',3,5,6' - PeCB	94			11.8	0 185	1.58	1 102
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			10.9	0 0506	1 61	1 015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			48 7	0.161	1.59	1.093
2,2',4,6,6' - PeCB	104		J	0.603	0.0590	1 57	1.001
2,3,3',4,4' - PeCB	105		B	613	0.441	1 52	1 000
2,3,3',4,5 - PeCB	106		U		0.438		

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Approved by _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID: L7510-10

CLIENT ID: LDW-C2-2-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_076 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	86 1	0 444	1 54	0 990
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			149	0 402	1.51	0 997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			3 49	0 148	1 58	0.945
2,3,3',5,6 - PeCB	112		U		0 148		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			37.7	0.412	1.55	1.001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		B	1650	0.388	1.52	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			17 7	0 150	1.61	0.958
2,3',4,5',6 - PeCB	121			2.02	0.138	1.63	1 200
2',3,3',4,5 - PeCB	122			29.9	0.487	1.55	1.010
2',3,4,4',5 - PeCB	123			40 3	0.431	1.51	1.000
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			3.76	0.532	1.46	1.000
3,3',4,5,5' - PeCB	127			3.25	0.483	1.46	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	367	0 487	1.26	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	3100	0 468	1.26	0.929
2,2',3,3',4,5' - HxCB	130			243	0.591	1.26	0.913
2,2',3,3',4,6 - HxCB	131			29.0	0.509	1.27	1.159
2,2',3,3',4,6' - HxCB	132		B	826	0 532	1.27	1.174
2,2',3,3',5,5' - HxCB	133			114	0.519	1 25	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	177	0.529	1.26	1 139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	1480	0.0888	1 28	1 104
2,2',3,3',6,6' - HxCB	136		B	372	0.0678	1 27	1.024
2,2',3,4,4',5 - HxCB	137			138	0.545	1.25	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	63.0	0.473	1.27	1 153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	335	0.534	1.26	0.903
2,2',3,4,5,6 - HxCB	142		U		0 537		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			145	0 0930	1.27	1.121
2,2',3,4,6,6' - HxCB	145		J	0 786	0.0688	1.34	1 033
2,2',3,4',5,5' - HxCB	146		B	813	0 475	1.26	0 884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	2910	0.452	1 27	1 133
2,2',3,4',5,6' - HxCB	148			13 8	0 0924	1 23	1 084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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Approved by _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C2-2-T

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04 08 06 21	
Contract No.:	4033		Lab Sample ID:	L7510-10 W	
Matrix:	TISSUE		Sample Size:	10.2	g (wet)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	17-Feb-2005	Time: 3:56:52	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	200		Sample Data Filename:	PB5C_084 S:8	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_074 S:7	
Dilution Factor:	10		Cal. Ver. Data Filename:	PB5C_084 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

Approved by _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-10 W

CLIENT ID: LDW-C2-2-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_084 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65					
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65					
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52						
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76					
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID.
LDW-C2-2-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-10	
Matrix:	TISSUE		**Sample Size:**	10.2	g (wet)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	13-Feb-2005	**Time:** 0:13:36	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_076 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_076 S:5** **PB5C_084 S:8**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		2.01	0.0341
Total Dichloro Biphenyls		165	0.106
Total Trichloro Biphenyls		3130	0.141
Total Tetrachloro Biphenyls		10100	0.569
Total Pentachloro Biphenyls		15000	0.532
Total Hexachloro Biphenyls		15600	1.70
Total Heptachloro Biphenyls		6540	0.168
Total Octachloro Biphenyls		909	0.183
Total Nonachloro Biphenyls		23.1	0.0308
Decachloro Biphenyl		2.25	0.0045
TOTAL PCBs		51400	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL_1.xls S:15

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C4-T

Sample Collection:	27-Aug-2004		
Lab Name: AXYS ANALYTICAL SERVICES	Project Number:	04-08-06-21	
Contract No.:	4033	Lab Sample ID:	L7510-11
Matrix:	TISSUE	Sample Size:	10.1 g (wet)
Sample Receipt Date:	17-Dec-2004	Initial Calibration Date:	04-Feb-2005
Extraction Date:	27-Jan-2005	Instrument ID:	HR GC/MS
Analysis Date:	13-Feb-2005 Time: 1:17:48	GC Column ID:	SPB-OCTYL
Extract Volume (µL):	20	Sample Data Filename:	PB5C_076 S:6
Injection Volume (µL):	1 0	Blank Data Filename:	PB5C_074 S:7
Dilution Factor:	N/A	Cal. Ver. Data Filename:	PB5C_076 S:1
Concentration Units :	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	0.971	0 0233	3.11	1 000
3 - MoCB	2		JB	0.316	0.0271	2.91	0.988
4 - MoCB	3		JB	0 711	0.0328	2.99	1.001
2,2' - DiCB	4		B	21 9	0.132	1.49	1.002
2,3 - DiCB	5		KJ	0 645	0.111	2.20	1.199
2,3' - DiCB	6		B	19 1	0.106	1.49	1.176
2,4 - DiCB	7			2.01	0.106	1.58	1.158
2,4' - DiCB	8		B	45.2	0.0981	1.52	1.208
2,5 - DiCB	9			2.97	0 105	1.62	1.146
2,6 - DiCB	10		J	1 45	0.0986	1.44	1.014
3,3' - DiCB	11		B	14 3	0 113	1.52	0.969
3,4 - DiCB	12	12 + 13	C	9.68	0 114	1.48	0 985
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.105		
4,4' - DiCB	15		B	59.7	0.136	1.51	1.002
2,2',3 - TriCB	16		B	94.4	0.0393	1.08	1.166
2,2',4 - TriCB	17		B	172	0.0364	1.06	1.139
2,2',5 - TriCB	18	18 + 30	C B	294	0.0294	1.06	1.113
2,2',6 - TriCB	19		B	38.0	0.0378	1.06	1.002
2,3,3' - TriCB	20	20 + 28	C B	833	0.182	1.00	0.848

Approved by: _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST, SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-11

CLIENT ID: LDW-C4-T
Project Number: 04-08-06-21
Sample Data Filename PB5C_076 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	205	0 178	1.00	0 857
2,3,4' - TriCB	22		B	203	0 196	0.99	0.872
2,3,5 - TriCB	23		J	0.466	0 185	1.17	1.284
2,3,6 - TriCB	24			3.76	0.0260	1.10	1 158
2,3',4 - TriCB	25		B	141	0.164	0.99	0 825
2,3',5 - TriCB	26	26 + 29	C B	304	0.184	1 00	1.302
2,3',6 - TriCB	27		B	65.4	0.0248	1 06	1.152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	575	0.177	1 00	0.836
2,4',6 - TriCB	32		B	141	0.170	0.99	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			4.17	0.182	1.02	1.275
3,3',4 - TriCB	35			9 93	0.212	1.01	0.985
3,3',5 - TriCB	36		J	0 646	0 189	1.15	0.931
3,4,4' - TriCB	37		B	199	0.225	0.99	1.001
3,4,5 - TriCB	38		J	1 34	0.210	1.00	0.968
3,4',5 - TriCB	39			5.74	0 190	0.91	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	504	0 0399	0.79	1.338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	289	0.0409	0.79	1.313
2,2',3,5 - TeCB	43		B	37.8	0.0446	0.79	1 247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	1150	0.0362	0 79	1 287
2,2',3,6 - TeCB	45	45 + 51	C B	148	0.0381	0 79	1 147
2,2',3,6' - TeCB	46			49.4	0.0448	0.79	1 162
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	160	0.0388	0.79	1 275
2,2',4,5' - TeCB	49	49 + 69	C B	893	0.0339	0.79	1.261
2,2',4,6 - TeCB	50	50 + 53	C B	171	0.0369	0.79	1.111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		B	1900	0.0363	0.79	1.236
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			3.03	0 0325	0.78	1.001
2,3,3',4 - TeCB	55			23.6	0.517	0 77	0.890
2,3,3',4' - TeCB	56		B	529	0 528	0.76	0.905
2,3,3',5 - TeCB	57			16.8	0 497	0 77	0.844
2,3,3',5' - TeCB	58			9.62	0 493	0.75	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	137	0.0302	0 79	1 303
2,3,4,4' - TeCB	60		B	258	0.529	0 76	0 911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	1890	0 492	0.76	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			46.3	0 487	0 75	0 864

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Approved by: _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P O BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-11

CLIENT ID: LDW-C4-T
Project Number. 04-08-06-21
Sample Data Filename. PB5C_076 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	378	0.0299	0.79	1.350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	1370	0.500	0.76	0.884
2,3',4,5 - TeCB	67			46.3	0 452	0.75	0.857
2,3',4,5' - TeCB	68			20 7	0 471	0 75	0 832
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			39.6	0.477	0.74	0.822
2,3',5',6 - TeCB	73		U		0.0293		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	91.9	0.554	0.75	1.000
3,3',4,5 - TeCB	78		U		0.592		
3,3',4,5' - TeCB	79			25.5	0.487	0.69	0 970
3,3',5,5' - TeCB	80		U		0.492		
3,4,4',5 - TeCB	81			4.55	0.517	0.74	1.000
2,2',3,3',4 - PeCB	82			199	0.503	1.59	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C B	1590	0 432	1.59	0 885
2,2',3,3',6 - PeCB	84		B	416	0.458	1.60	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	368	0.370	1.58	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	1220	0.371	1.59	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	310	0.396	1.59	1.154
2,2',3,4,6' - PeCB	89			16.8	0.431	1.57	1.183
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	2490	0.372	1.59	0.870
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	711	0.422	1.59	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C B	1960	0 384	1.59	1 121
2,2',3,5,6' PeCB	94			11.6	0.411	1.60	1.103
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			10.3	0.0441	1.62	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			37.3	0.358	1.60	1.094
2,2',4,6,6' - PeCB	104		J	0.625	0.0525	1.36	1.001
2,3,3',4,4' - PeCB	105		B	573	0.432	1.52	1.000
2,3,3',4,5 - PeCB	106		U		0.446		

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Approved by: _____ QA/QC Chemist

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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID [illegible]

CLIENT ID: LDW-C4-T
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	77 7	0.452	1.52	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			152	0.409	1.52	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			3.36	0.328	1 46	0.945
2,3,3',5,6 - PeCB	112		U		0.329		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			36 3	0 426	1 54	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		B	1620	0.397	1.53	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			15.3	0.333	1.59	0.959
2,3',4,5',6 - PeCB	121		J	1 20	0.307	1.63	1 201
2',3,3',4,5 - PeCB	122			28.6	0.495	1.54	1.010
2',3,4,4',5 - PeCB	123			35.7	0.440	1.56	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			3.31	0.546	1.59	1.000
3,3',4,5,5' - PeCB	127			3.88	0.491	1.64	1 042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	339	0 438	1.27	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	2590	0.421	1.26	0 928
2,2',3,3',4,5' - HxCB	130			214	0.532	1.26	0.913
2,2',3,3',4,6 - HxCB	131			26.1	0.459	1.25	1 160
2,2',3,3',4,6' - HxCB	132		B	705	0.480	1.27	1 174
2,2',3,3',5,5' - HxCB	133			87.4	0.468	1.26	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	156	0 477	1.27	1.139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	1220	0 0878	1.28	1.104
2,2',3,3',6,6' - HxCB	136		B	309	0.0670	1.28	1 024
2,2',3,4,4',5 - HxCB	137			123	0 491	1 26	0 918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	52.2	0.426	1.27	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	290	0 481	1.26	0.903
2,2',3,4,5,6 - HxCB	142		U		0 484		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			114	0.0919	1.27	1 121
2,2',3,4,6,6' - HxCB	145		J	0.759	0 0680	1.27	1 033
2,2',3,4',5,5' - HxCB	146		B	656	0.428	1 26	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	2340	0 407	1.27	1.133
2,2',3,4',5,6' - HxCB	148			10 4	0 0914	1 28	1 084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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Approved by _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD WEST SIDNEY B C CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-11

CLIENT ID: LDW-C4-T
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			5 78	0 0648	1.31	1.012
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152			2.09	0.0629	1.25	1 006
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	2800	0.365	1 26	0.899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	0 475	0.0602	1 39	1 001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	201	0.474	1 26	1 000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	238	0.350	1.27	0 937
2,3,3',4,5,5' - HxCB	159		U		0.394		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.353		
2,3,3',4',5,5' - HxCB	162			7.78	0.394	1.27	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	233	0 368	1.26	0.921
2,3,3',5,5',6 - HxCB	165			2.31	0.374	1.11	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	94.8	0.357	1.25	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		1 46		
2,2',3,3',4,4',5 - HpCB	170		B	281	0.114	1 06	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	188	0.106	1.06	1.162
2,2',3,3',4,5,5' - HpCB	172			53.8	0.111	1.05	0 897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	333	0.0940	1.06	1 133
2,2',3,3',4,5',6 - HpCB	175			38.0	0.0912	1.06	1 102
2,2',3,3',4,6,6' - HpCB	176			86.7	0.0671	1.08	1 034
2,2',3,3',4',5,6 - HpCB	177		B	547	0.105	1.06	1.145
2,2',3,3',5,5',6 - HpCB	178			276	0.0945	1.07	1.085
2,2',3,3',5,6,6' - HpCB	179		B	318	0.0653	1 06	1.009
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	1130	0.0880	1.06	0.910
2,2',3,4,4',5,6 HpCB	181			4.16	0.0950	1.04	1.156
2,2',3,4,4',5,6' - HpCB	182			7.47	0.0941	1.04	1.116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	484	0.0925	1.06	1 127
2,2',3,4,4',6,6' - HpCB	184		KJ	0.639	0 0619	1.27	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0 0681		
2,2',3,4',5,5',6 - HpCB	187		B	1110	0.0861	1.06	1.110
2,2',3,4',5,6,6' - HpCB	188			2.00	0.0553	1.09	1.001
2,3,3',4,4',5,5' - HpCB	189			8.93	0.229	0.95	1.000
2,3,3',4,4',5,6 - HpCB	190		B	91 9	0.0847	1.06	0 947
2,3,3',4,4',5',6 - HpCB	191			27.3	0 0824	1 07	0.918
2,3,3',4,5,5',6 - HpCB	192		U		0 0864		

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 6 of 6
Lab Sample ID L7510-11

CLIENT ID: LDW-C4-T
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	58.0	0 106	0.89	0.991
2,2',3,3',4,4',5,6 - OcCB	195		B	28.8	0 112	0.90	0.946
2,2',3,3',4,4',5,6' - OcCB	196		B	109	0.0060	0.90	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	21.0	0.0042	0.89	1.045
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	246	0.0060	0.92	1.115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	54.2	0.0043	0.91	1 023
2,2',3,3',5,5',6,6' - OcCB	202		B	116	0.0046	0.92	1 000
2,2',3,4,4',5,5',6 - OcCB	203		B	81.8	0.0055	0 90	0.920
2,2',3,4,4',5,6,6' - OcCB	204		KJB	0.049	0.0042	1.91	1 039
2,3,3',4,4',5,5',6 - OcCB	205		B	4.90	0 0099	0.91	1.001
2,2',3,3',4,4',5,5',6 - NoCB	206		B	13 1	0.0374	0.75	1.000
2,2',3,3',4,4',5,6,6' - NoCB	207		J	1 57	0.0305	0.85	1 020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	4 45	0.0323	0.70	1.001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	4.80	0 0038	0.71	1.001

(1) C = co-eluting congener. U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration. E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743AD3_1 xls, S4

Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C4-T

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No.:	4033		**Lab Sample ID:**	L7510-11 W	
Matrix:	TISSUE		**Sample Size:**	10.1	g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	17-Feb-2005	**Time:** 5:01:09	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	200		**Sample Data Filename:**	**PB5C_084 S:9**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_074 S:7	
Dilution Factor:	10		**Cal. Ver. Data Filename:**	PB5C_084 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

14743AD5_1.xls S5

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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-11 W

CLIENT ID: LDW-C4-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_084 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65					
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65					
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52						
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76					
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

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02

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-11 W

CLIENT ID: LDW-C4-T
Project Number 04-08-06-21
Sample Data Filename. PB5C_084 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64						
2,3,5,6 - TeCB	65	44 + 47 + 65					
2,3',4,4' - TeCB	66						
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69					
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76					
2,3',4',6 - TeCB	71	40 + 41 + 71					
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76					
2,4,4',6 - TeCB	75	59 + 62 + 75					
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76					
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99					
2,2',3,3',6 - PeCB	84						
2,2',3,4,4' - PeCB	85	85 + 116 + 117					
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,6 - PeCB	88	88 + 91					
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113					
2,2',3,4',6 - PeCB	91	88 + 91					
2,2',3,5,5' - PeCB	92						
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102					
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102					
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125					
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102					
2,2',4,4',5 - PeCB	99	83 + 99					
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102					
2,2',4,5,5' - PeCB	101	90 + 101 + 113					
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102					
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105						
2,3,3',4,5 - PeCB	106						

14743AD5_1.xls S5

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-11 W

CLIENT ID: LDW-C4-T
Project Number. 04-08-06-21
Sample Data Filename PB5C_084 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124					
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125					
2,3,3',4,6 - PeCB	109						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	2390	7.17	1.60	0.925
2,3,3',5,5' - PeCB	111						
2,3,3',5,6 - PeCB	112						
2,3,3',5',6 - PeCB	113	90 + 101 + 113					
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117					
2,3,4',5,6 - PeCB	117	85 + 116 + 117					
2,3',4,4',5 - PeCB	118						
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125					
2,3',4,5,5' - PeCB	120						
2,3',4,5',6 - PeCB	121						
2',3,3',4,5 - PeCB	122						
2',3,4,4',5 - PeCB	123						
2',3,4,5,5' - PeCB	124	107 + 124					
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125					
3,3',4,4',5 - PeCB	126						
3,3',4,5,5' - PeCB	127						
2,2',3,3',4,4' - HxCB	128	128 + 166					
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163					
2,2',3,3',4,5' - HxCB	130						
2,2',3,3',4,6 - HxCB	131						
2,2',3,3',4,6' - HxCB	132						
2,2',3,3',5,5' - HxCB	133						
2,2',3,3',5,6 - HxCB	134	134 + 143					
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154					
2,2',3,3',6,6' - HxCB	136						
2,2',3,4,4',5 - HxCB	137						
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163					
2,2',3,4,4',6 - HxCB	139	139 + 140					
2,2',3,4,4',6' - HxCB	140	139 + 140					
2,2',3,4,5,5' - HxCB	141						
2,2',3,4,5,6 - HxCB	142						
2,2',3,4,5,6' - HxCB	143	134 + 143					
2,2',3,4,5',6 - HxCB	144						
2,2',3,4,6,6' - HxCB	145						
2,2',3,4',5,5' - HxCB	146						
2,2',3,4',5,6 - HxCB	147	147 + 149					
2,2',3,4',5,6' - HxCB	148						
2,2',3,4',5',6 - HxCB	149	147 + 149					

14743AD5_1.xls, S5

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-11 W

CLIENT ID: LDW-C4-T
Project Number: 04-08-06-21
Sample Data Filename PB5C_084 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150						
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154					
2,2',3,5,6,6' - HxCB	152						
2,2',4,4',5,5' - HxCB	153	153 + 168					
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154					
2,2',4,4',6,6' - HxCB	155						
2,3,3',4,4',5 - HxCB	156	156 + 157					
2,3,3',4,4',5' - HxCB	157	156 + 157					
2,3,3',4,4',6 - HxCB	158						
2,3,3',4,5,5' - HxCB	159						
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163					
2,3,3',4,5',6 - HxCB	161						
2,3,3',4',5,5' - HxCB	162						
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163					
2,3,3',4',5',6 - HxCB	164						
2,3,3',5,5',6 - HxCB	165						
2,3,4,4',5,6 - HxCB	166	128 + 166					
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168					
3,3',4,4',5,5' - HxCB	169						
2,2',3,3',4,4',5 - HpCB	170						
2,2',3,3',4,4',6 - HpCB	171	171 + 173					
2,2',3,3',4,5,5' - HpCB	172						
2,2',3,3',4,5,6 - HpCB	173	171 + 173					
2,2',3,3',4,5,6' - HpCB	174						
2,2',3,3',4,5',6 - HpCB	175						
2,2',3,3',4,6,6' - HpCB	176						
2,2',3,3',4',5,6 - HpCB	177						
2,2',3,3',5,5',6 - HpCB	178						
2,2',3,3',5,6,6' - HpCB	179						
2,2',3,4,4',5,5' - HpCB	180	180 + 193					
2,2',3,4,4',5,6 - HpCB	181						
2,2',3,4,4',5,6' - HpCB	182						
2,2',3,4,4',5',6 - HpCB	183	183 + 185					
2,2',3,4,4',6,6' - HpCB	184						
2,2',3,4,5,5',6 - HpCB	185	183 + 185					
2,2',3,4,5,6,6' - HpCB	186						
2,2',3,4',5,5',6 - HpCB	187						
2,2',3,4',5,6,6' - HpCB	188						
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4,4',5,6 - HpCB	190						
2,3,3',4,4',5',6 - HpCB	191						
2,3,3',4,5,5',6 - HpCB	192						

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Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

Lab Sample ID L7510-11 W

CLIENT ID: LDW-C4-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193					
2,2',3,3',4,4',5,5' - OcCB	194						
2,2',3,3',4,4',5,6 - OcCB	195						
2,2',3,3',4,4',5,6' - OcCB	196						
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200					
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199					
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199					
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200					
2,2',3,3',4,5',6,6' - OcCB	201						
2,2',3,3',5,5',6,6' - OcCB	202						
2,2',3,4,4',5,5',6 - OcCB	203						
2,2',3,4,4',5,6,6' - OcCB	204						
2,3,3',4,4',5,5',6 - OcCB	205						
2,2',3,3',4,4',5,5',6 - NoCB	206						
2,2',3,3',4,4',5,6,6' - NoCB	207						
2,2',3,3',4,5,5',6,6' - NoCB	208						
2,2',3,3',4,4',5,5',6,6' - DeCB	209						

(1) C = co-eluting congener; U = not detected. K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration. E = exceeds calibrated linear range, see dilution data, D = dilution data; Z = compound not requested, J = concentration less than LMCL. B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by _____ QA/QC Chemist
01-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C4-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-11	
Matrix:	TISSUE		**Sample Size:**	10.1	g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	13-Feb-2005	**Time:** 1:17:48	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_076 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_076 S:6** **PB5C_084 S:9**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		2.00	0.0328
Total Dichloro Biphenyls		176	0.136
Total Trichloro Biphenyls		3290	0.225
Total Tetrachloro Biphenyls		10200	0.592
Total Pentachloro Biphenyls		14300	0.546
Total Hexachloro Biphenyls		12800	1.46
Total Heptachloro Biphenyls		4990	0.229
Total Octachloro Biphenyls		719	0.112
Total Nonachloro Biphenyls		19.1	0.0374
Decachloro Biphenyl		4.80	0.0038
TOTAL PCBs		46500	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL.xls S16

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C4-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	27-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-11
Sample Size:	10 1 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	Sample Datafile(s):	PB5C_076 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			91.9	0.554	0.0001	9 19E-03	9.19E-03
3,4,4',5-TetraCB	81			4.55	0.517	0.0001	4 55E-04	4.55E-04
2,3,3',4,4'-PentaCB	105			573	0 432	0.0001	5 73E-02	5.73E-02
2,3,4,4',5-PentaCB	114			36.3	0 426	0.0005	1.81E-02	1.81E-02
2,3',4,4',5-PentaCB	118			1620	0.397	0.0001	1.62E-01	1.62E-01
2',3,4,4',5-PentaCB	123			35.7	0.440	0.0001	3.57E-03	3.57E-03
3,3',4,4',5-PentaCB	126			3.31	0.546	0 1	3.31E-01	3.31E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	201	0.474	0.0005	1.00E-01	1.00E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			94.8	0 357	0.00001	9.48E-04	9.48E-04
3,3',4,4',5,5'-HexaCB	169		U		1 46	0.01	7.32E-03	0 00E+00
2,3,3',4,4',5,5'-HeptaCB	189			8.93	0.220	0.0001	8.93E-04	8.93E-04
						TOTAL TEQ	0.691	0.684

(1) C = co-eluting congener, U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTEQ_1.xls S15 (TEQ)

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C6-T

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04-08-06-21	
Contract No.:	4033		Lab Sample ID:	L7510-12	
Matrix:	TISSUE		Sample Size:	10.3	g (wet)
Sample Receipt Date:	17-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	13-Feb-2005	Time: 2:22:00	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	20		Sample Data Filename:	PB5C_076 S:7	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_074 S:7	
Dilution Factor:	N/A		Cal. Ver. Data Filename:	PB5C_076 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		B	2.47	0.0276	3.22	1.001
3 - MoCB	2		JB	0.847	0.0331	3.47	0.988
4 - MoCB	3		JB	1.23	0.0413	3.37	1.001
2,2' - DiCB	4		B	32.5	0.116	1.49	1.001
2,3 - DiCB	5		J	0.907	0.0982	1.77	1.198
2,3' - DiCB	6		B	27.3	0.0939	1.51	1.176
2,4 - DiCB	7			2.63	0.0936	1.42	1.158
2,4' - DiCB	8		B	50 9	0.0870	1.51	1 207
2,5 - DiCB	9			4.35	0.0934	1.52	1.146
2,6 - DiCB	10		J	1.75	0.0874	1.63	1.013
3,3' - DiCB	11		B	18 7	0 100	1 51	0 969
3,4 - DiCB	12	12 + 13	C	12.3	0.101	1.53	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		J	0.115	0.0930	1.44	0.926
4,4' - DiCB	15		B	59.3	0.122	1.49	1.001
2,2',3 - TriCB	16		B	102	0.0499	1.06	1.166
2,2',4 - TriCB	17		B	206	0.0461	1.07	1.139
2,2',5 - TriCB	18	18 + 30	C B	370	0.0372	1.06	1.113
2,2',6 - TriCB	19		B	48 0	0.0458	1.08	1.001
2,3,3' - TriCB	20	20 + 28	C B	865	0.257	1.00	0.849

14743AD3_1 xls, S5

Approved by: _____ QA/QC Chemist

01-03-2005
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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-12

CLIENT ID: LDW-C6-T
Project Number: 04-08-06-21
Sample Data Filename PB5C_076 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	217	0.252	0.99	0.857
2,3,4' - TriCB	22		B	203	0.277	1.01	0.872
2,3,5 - TriCB	23		J	0.488	0.261	1.09	1 283
2,3,6 - TriCB	24			4.40	0.0330	1.03	1.158
2,3',4 - TriCB	25		B	161	0.231	1.00	0 825
2,3',5 - TriCB	26	26 + 29	C B	358	0.259	1.00	1 302
2,3',6 - TriCB	27		B	83.7	0.0314	1.05	1.151
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	652	0.250	1 00	0.837
2,4',6 - TriCB	32		B	167	0.240	1.00	1.197
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			5.20	0.257	1.00	1.274
3,3',4 - TriCB	35			11 7	0.300	1.00	0 985
3,3',5 - TriCB	36		KJ	0 939	0.268	0.82	0 932
3,4,4' - TriCB	37		B	173	0.328	1.00	1 001
3,4,5 - TriCB	38		KJ	1 30	0.297	1.33	0.969
3,4',5 - TriCB	39			6.99	0.269	0.94	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	569	0.0618	0 79	1.338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	317	0 0632	0.79	1.313
2,2',3,5 - TeCB	43		B	47.8	0 0690	0.79	1.247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	1370	0.0560	0.79	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	181	0.0590	0.79	1.147
2,2',3,6' - TeCB	46			60.0	0.0693	0.80	1.161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	189	0.0600	0.79	1 275
2,2',4,5' - TeCB	49	49 + 69	C B	1110	0.0525	0 79	1.260
2,2',4,6 - TeCB	50	50 + 53	C B	220	0.0571	0 79	1.111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		B	2360	0.0562	0 70	1.236
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			4.74	0.0474	0.77	1.002
2,3,3',4 - TeCB	55			18.2	0.452	0.76	0.890
2,3,3',4' - TeCB	56		B	520	0.461	0.76	0.905
2,3,3',5 - TeCB	57			16 4	0 434	0.75	0 844
2,3,3',5' - TeCB	58			10.9	0 430	0.74	0.852
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	163	0.0467	0.79	1.303
2,3,4,4' - TeCB	60		B	224	0.462	0.75	0 911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	2080	0 429	0.76	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			49.2	0.425	0 77	0.865

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-12

CLIENT ID: LDW-C6-T
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64		B	435	0 0463	0.79	1.349
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	1430	0 436	0.76	0.885
2,3',4,5 - TeCB	67			51 2	0 395	0.76	0.857
2,3',4,5' - TeCB	68			22.4	0.411	0.75	0.832
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			44.6	0.416	0.74	0.823
2,3',5',6 - TeCB	73		U		0.0453		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	87.4	0.512	0.75	1 000
3,3',4,5 - TeCB	78		U		0.517		
3,3',4,5' - TeCB	79			28.5	0.425	0.71	0 971
3,3',5,5' - TeCB	80		U		0.429		
3,4,4',5 - TeCB	81		K	4.18	0.451	0.74	1 001
2,2',3,3',4 - PeCB	82			207	0.244	1.57	0 933
2,2',3,3',5 - PeCB	83	83 + 99	C B	1670	0.210	1 59	0.885
2,2',3,3',6 - PeCB	84		B	410	0.222	1.59	1.162
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	401	0.179	1.59	0.919
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	1310	0.180	1.58	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	320	0 192	1.59	1.154
2,2',3,4,6' - PeCB	89			20 6	0.209	1 58	1.182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	2650	0.181	1 59	0.869
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	752	0.205	1.59	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C B	2050	0.186	1.59	1.120
2,2',3,5,6' - PeCB	94			12 7	0 199	1.49	1 102
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			13 4	0 0601	1.59	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			36 8	0 174	1 60	1 094
2,2',4,6,6' - PeCB	104		J	0 795	0 0701	1 67	1 001
2,3,3',4,4' - PeCB	105		B	643	0 338	1 53	1 000
2,3,3',4,5 - PeCB	106		U		0.326		

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Approved by _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P O BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-12

CLIENT ID: LDW-C6-T
Project Number. 04-08-06-21
Sample Data Filename PB5C_076 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	85.3	0 330	1.54	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			157	0.299	1.53	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C B	2520	0 157	1 59	0.925
2,3,3',5,5' - PeCB	111			3 46	0 159	1 39	0.945
2,3,3',5,6 - PeCB	112		U		0 160		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			40.2	0.307	1 50	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		B	1780	0.282	1.52	1.000
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			16.0	0.162	1.55	0.959
2,3',4,5',6 - PeCB	121		KJ	1 43	0.149	1 85	1.200
2',3,3',4,5 - PeCB	122			33.0	0.362	1 51	1.010
2',3,4,4',5 - PeCB	123			44.0	0.318	1.57	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			4 15	0.419	1.47	1.000
3,3',4,5,5' - PeCB	127			4.75	0.359	1.51	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	355	0 438	1.27	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	2910	0 421	1.27	0.929
2,2',3,3',4,5' - HxCB	130			240	0.532	1.26	0.913
2,2',3,3',4,6 - HxCB	131			27.0	0 458	1.25	1.159
2,2',3,3',4,6' - HxCB	132		B	750	0 479	1.26	1.174
2,2',3,3',5,5' - HxCB	133			101	0 467	1.26	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	173	0.476	1.27	1.139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	1400	0 105	1 27	1 104
2,2',3,3',6,6' - HxCB	136		B	324	0.0802	1.27	1.023
2,2',3,4,4',5 - HxCB	137			147	0.491	1.25	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	57 1	0.426	1 29	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	373	0 480	1.26	0.903
2,2',3,4,5,6 - HxCB	142		U		0.484		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			130	0 110	1.27	1.121
2,2',3,4,6,6' - HxCB	145		J	0.967	0 0814	1.13	1.033
2,2',3,4',5,5' - HxCB	146		B	743	0 428	1 26	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	2480	0 407	1.28	1.133
2,2',3,4',5,6' - HxCB	148			13.0	0 109	1.31	1 084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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Approved by. _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

CLIENT ID.
LDW-C6-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-12	
Matrix:	TISSUE		**Sample Size:**	10.3	g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	13-Feb-2005	**Time:** 2:22:00	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C_074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_076 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_076 S:7**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		4.54	0.0413
Total Dichloro Biphenyls		211	0.122
Total Trichloro Biphenyls		3640	0.328
Total Tetrachloro Biphenyls		11600	0.517
Total Pentachloro Biphenyls		15200	0.419
Total Hexachloro Biphenyls		14300	2.08
Total Heptachloro Biphenyls		6160	0.259
Total Octachloro Biphenyls		956	0.102
Total Nonachloro Biphenyls		27.4	0.0532
Decachloro Biphenyl		3.17	0.0039
TOTAL PCBs		52100	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL_*.xls S17

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C7-T1

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04-08-06-21	
Contract No.:	4033		Lab Sample ID:	L7510-13	
Matrix:	TISSUE		Sample Size:	10.1	g (wet)
Sample Receipt Date:	17-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	13-Feb-2005	Time: 3:26:11	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	20		Sample Data Filename:	PB5C_076 S:8	
Injection Volume (µL):	1.0		Blank Data Filename:	PB5C_074 S:7	
Dilution Factor:	N/A		Cal. Ver. Data Filename:	PB5C_076 S:1	
Concentration Units:	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		B	2.76	0.0282	3.31	1.001
3 - MoCB	2		JB	0.665	0.0327	3.06	0.988
4 - MoCB	3		JB	1.24	0.0393	3.23	1.001
2,2' - DiCB	4		B	80.4	0.116	1.49	1.001
2,3 - DiCB	5		J	1.66	0.0956	1.68	1.197
2,3' - DiCB	6		B	155	0.0915	1.51	1.176
2,4 - DiCB	7			7.49	0.0911	1.56	1.158
2,4' - DiCB	8		B	117	0.0847	1.50	1.207
2,5 - DiCB	9			10.1	0.0910	1.47	1.146
2,6 - DiCB	10			4.75	0.0851	1.55	1.013
3,3' - DiCB	11		D	33.8	0.0075	1.10	0.969
3,4 - DiCB	12	12 + 13	C	51.9	0.0981	1.46	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		J	0.393	0.0906	1.47	0.926
4,4' - DiCB	15		B	109	0.116	1.48	1.001
2,2',3 - TriCB	16		B	176	0.0348	1.08	1.165
2,2',4 - TriCB	17		B	699	0.0322	1.07	1.139
2,2',5 - TriCB	18	18 + 30	C B	1740	0.0260	1.06	1.113
2,2',6 - TriCB	19		B	312	0.0331	1.06	1.001
2,3,3' - TriCB	20	20 + 28	C B	1950	0.526	0.99	0.848

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Approved by: _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-13

CLIENT ID: LDW-C7-T1
Project Number: 04-08-06-21
Sample Data Filename: PB5C_076 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	327	0.516	0 99	0.857
2,3,4' - TriCB	22		B	312	0.567	1.00	0 871
2,3,5 - TriCB	23		J	0.889	0.535	1.06	1.262
2,3,6 - TriCB	24			11 6	0 0230	1.15	1.158
2,3',4 - TriCB	25		E				
2,3',5 - TriCB	26	26 + 29	C E				
2,3',6 - TriCB	27		B	1490	0 0219	1.06	1 150
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	1910	0.511	1 00	0.836
2,4',6 - TriCB	32		B	680	0.491	0.99	1.196
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			32.8	0.527	0.98	1.273
3,3',4 - TriCB	35			16.5	0.615	0.94	0.985
3,3',5 - TriCB	36			12.3	0.548	0.97	0.931
3,4,4' - TriCB	37		B	254	0.656	1.00	1.001
3,4,5 - TriCB	38			24.5	0.608	0.98	0.968
3,4',5 - TriCB	39			18.9	0 551	0.98	0.946
2,2',3,3' - TeCB	40	40 + 41 + 71	C E				
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	1630	0.0595	0.79	1.313
2,2',3,5 - TeCB	43		B	102	0.0649	0.77	1.248
2,2',3,5' - TeCB	44	44 + 47 + 65	C E				
2,2',3,6 - TeCB	45	45 + 51	C B	1140	0.0555	0.79	1 149
2,2',3,6' - TeCB	46			349	0.0652	0 78	1 162
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	330	0.0565	0.78	1.275
2,2',4,5' - TeCB	49	49 + 69	C E				
2,2',4,6 - TeCB	50	50 + 53	C B	2610	0.0537	0.79	1.112
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		E				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			49.8	0 0472	0.80	1 002
2,3,3',4 - TeCB	55			77.2	0.381	0 75	0.890
2,3,3',4' - TeCB	56		B	877	0.389	0.75	0.904
2,3,3',5 - TeCB	57			233	0 366	0.74	0.844
2,3,3',5' - TeCB	58			97.8	0.363	0.74	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	1850	0 0439	0.79	1.303
2,3,4,4' - TeCB	60		B	305	0.390	0.76	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C E				
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			170	0.359	0.75	0.864

14743AD3_1 xls, S6

Approved by _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-13

CLIENT ID: LDW-C7-T1

Project Number 04-08-06-21

Sample Data Filename. PB5C_076 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64		B	1360	0 0435	0.79	1 350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		E				
2,3',4,5 - TeCB	67			375	0.333	0.73	0.857
2,3',4,5' - TeCB	68			442	0.347	0 74	0.831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			853	0.351	0.74	0 822
2,3',5',6 - TeCB	73		U		0 0426		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	194	0 435	0.76	1.000
3,3',4,5 - TeCB	78		U		0.436		
3,3',4,5' - TeCB	79			187	0.359	0.81	0.970
3,3',5,5' - TeCB	80		U		0.362		
3,4,4',5 - TeCB	81		K	11.1	0.360	0.74	1.001
2,2',3,3',4 - PeCB	82			1000	0.529	1.59	0.934
2,2',3,3',5 - PeCB	83	83 + 99	C E				
2,2',3,3',6 - PeCB	84		E				
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	2110	0 389	1.59	0.919
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C E				
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C E				
2,2',3,4,6' - PeCB	89			70.9	0 453	1 56	1 182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		E				
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			94.2	0 432	1 58	1.101
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			108	0.0500	1.59	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			407	0 376	1.58	1 093
2,2',4,6,6' - PeCB	104			8.83	0.0579	1.65	1.001
2,3,3',4,4' - PeCB	105		E				
2,3,3',4,5 - PeCB	106		U		0.246		

Approved by _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-13

CLIENT ID: LDW-C7-T1
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			40.3	0.0709	1.27	1.013
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152			18.4	0.0687	1.25	1.007
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	1.71	0.0721	1.38	1.001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	1160	0.395	1.26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	1360	0.305	1.27	0.937
2,3,3',4,5,5' - HxCB	159		U		0.343		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.308		
2,3,3',4',5,5' - HxCB	162			49.5	0.343	1.24	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	1230	0.321	1.27	0.921
2,3,3',5,5',6 - HxCB	165			18.6	0.326	1.36	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	561	0.308	1.26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		5.22		
2,2',3,3',4,4',5 - HpCB	170		B	1030	0.196	1.06	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	675	0.183	1.06	1.163
2,2',3,3',4,5,5' - HpCB	172			175	0.191	1.06	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	1210	0.162	1.06	1.133
2,2',3,3',4,5',6 - HpCB	175			116	0.157	1.07	1.103
2,2',3,3',4,6,6' - HpCB	176			279	0.116	1.06	1.034
2,2',3,3',4',5,6 - HpCB	177		B	1740	0.181	1.06	1.145
2,2',3,3',5,5',6 - HpCB	178			774	0.163	1.06	1.085
2,2',3,3',5,6,6' - HpCB	179		B	952	0.113	1.06	1.010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	3650	0.152	1.06	0.910
2,2',3,4,4',5,6 HpCB	181			28.6	0.165	1.07	1.156
2,2',3,4,4',5,6' - HpCB	182			28.2	0.162	1.04	1.116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	1530	0.160	1.06	1.127
2,2',3,4,4',6,6' - HpCB	184			2.51	0.107	1.11	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0.117		
2,2',3,4',5,5',6 - HpCB	187		B	3260	0.148	1.06	1.110
2,2',3,4',5,6,6' - HpCB	188			7.05	0.0990	1.05	1.000
2,3,3',4,4',5,5' - HpCB	189			32.5	0.338	0.97	1.000
2,3,3',4,4',5,6 - HpCB	190		B	309	0.146	1.06	0.947
2,3,3',4,4',5',6 - HpCB	191			92.6	0.142	1.07	0.918
2,3,3',4,5,5',6 - HpCB	192		U		0.149		

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Approved by: _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-13

CLIENT ID: LDW-C7-T1
Project Number: 04-08-06-21
Sample Data Filename: PB5C_076 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	172	0.208	0.88	0.991
2,2',3,3',4,4',5,6 - OcCB	195		B	95.6	0.221	0.89	0.945
2,2',3,3',4,4',5,6' - OcCB	196		B	311	0.0296	0.92	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	54.9	0.0206	0.94	1.045
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	670	0.0294	0.92	1.115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	131	0.0210	0.93	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	269	0.0222	0.92	1.000
2,2',3,4,4',5,5',6 - OcCB	203		B	246	0.0270	0.92	0.920
2,2',3,4,4',5,6,6' - OcCB	204		KJB	0.090	0.0206	1.07	1.039
2,3,3',4,4',5,5',6 - OcCB	205		B	14.8	0.178	0.84	1.000
2,2',3,3',4,4',5,5',6 - NoCB	206		B	44.8	0.0305	0.80	1.001
2,2',3,3',4,4',5,6,6' - NoCB	207			5.49	0.0240	0.78	1.020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	10.8	0.0249	0.80	1.001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	4.22	0.0045	0.75	1.000

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration, E = exceeds calibrated linear range, see dilution data; D = dilution data, Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation

Approved by: _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C7-T1

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-13 W	
Matrix:	TISSUE		**Sample Size:**	10 1	g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	18-Feb-2005	**Time:** 1:32:01	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	500		**Sample Data Filename:**	**PB5C_086 S:6**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_074 S:7	
Dilution Factor:	25		**Cal. Ver. Data Filename:**	PB5C_086 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

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Approved by _____ QA/QC Chemist

02-03-2005
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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-13 W

CLIENT ID: LDW-C7-T1
Project Number 04-08-06-21
Sample Data Filename: PB5C_086 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25		D B	2670	8 85	1 02	0.825
2,3',5 - TriCB	26	26 + 29	C D B	7130	10 7	1 02	1 303
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71	C D B	3530	1 13	0.80	1.339
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65	C D B	11300	1.00	0.79	1.287
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69	C D B	16000	0.928	0.79	1.260
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52		D B	29600	1 10	0.79	1 236
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C D B	5610	46.7	0.79	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

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Approved by _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-13 W

CLIENT ID: LDW-C7-T1
Project Number: 04-08-06-21
Sample Data Filename: PB5C_086 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64						
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		D B	4300	47.6	0.75	0.885
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75					
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99	C D B	13600	74.6	1.60	0.885
2,2',3,3',6 - PeCB	84		D B	4690	75.3	1.61	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117					
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C D B	9280	60.2	1.60	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C D B	4200	65.7	1.59	1.154
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	17800	62.0	1.59	0.869
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		D B	6620	74.0	1.60	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C D B	21500	64.0	1.58	1.121
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105		D B	2750	132	1.55	1.001
2,3,3',4,5 - PeCB	106						

Approved by _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID LB510-13 W

CLIENT ID: LDW-C7-T1
Project Number: 04-08-06-21
Sample Data Filename: PB5C_086 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124					
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	21000	51 3	1 59	0.925
2,3,3',5,5' - PeCB	111						
2,3,3',5,6 - PeCB	112						
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117					
2,3,4',5,6 - PeCB	117	85 + 116 + 117					
2,3',4,4',5 - PeCB	118		D B	11400	115	1.53	1.001
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120						
2,3',4,5',6 - PeCB	121						
2',3,3',4,5 - PeCB	122						
2',3,4,4',5 - PeCB	123						
2',3,4,5,5' - PeCB	124	107 + 124					
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126						
3,3',4,5,5' - PeCB	127						
2,2',3,3',4,4' - HxCB	128	128 + 166					
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	13300	119	1.27	0.929
2,2',3,3',4,5' - HxCB	130						
2,2',3,3',4,6 - HxCB	131						
2,2',3,3',4,6' - HxCB	132						
2,2',3,3',5,5' - HxCB	133						
2,2',3,3',5,6 - HxCB	134	134 + 143					
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154					
2,2',3,3',6,6' - HxCB	136						
2,2',3,4,4',5 - HxCB	137						
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140					
2,2',3,4,4',6' - HxCB	140	139 + 140					
2,2',3,4,5,5' - HxCB	141						
2,2',3,4,5,6 - HxCB	142						
2,2',3,4,5,6' - HxCB	143	134 + 143					
2,2',3,4,5',6 - HxCB	144						
2,2',3,4,6,6' - HxCB	145						
2,2',3,4',5,5' - HxCB	146						
2,2',3,4',5,6 - HxCB	147	147 + 149	C D B	13400	120	1 27	1 133
2,2',3,4',5,6' - HxCB	148						
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-13 W

CLIENT ID: LDW-C7-T1
Project Number: 04-08-06-21
Sample Data Filename: PB5C_086 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150						
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154					
2,2',3,5,6,6' - HxCB	152						
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	12300	103	1.29	0.899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154					
2,2',4,4',6,6' - HxCB	155						
2,3,3',4,4',5 - HxCB	156	156 + 157					
2,3,3',4,4',5' - HxCB	157	156 + 157					
2,3,3',4,4',6 - HxCB	158						
2,3,3',4,5,5' - HxCB	159						
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161						
2,3,3',4',5,5' - HxCB	162						
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164						
2,3,3',5,5',6 - HxCB	165						
2,3,4,4',5,6 - HxCB	166	128 + 166					
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,3',4,4',5 - HpCB	170						
2,2',3,3',4,4',6 - HpCB	171	171 + 173					
2,2',3,3',4,5,5' - HpCB	172						
2,2',3,3',4,5,6 - HpCB	173	171 + 173					
2,2',3,3',4,5,6' - HpCB	174						
2,2',3,3',4,5',6 - HpCB	175						
2,2',3,3',4,6,6' - HpCB	176						
2,2',3,3',4',5,6 - HpCB	177						
2,2',3,3',5,5',6 - HpCB	178						
2,2',3,3',5,6,6' - HpCB	179						
2,2',3,4,4',5,5' - HpCB	180	180 + 193					
2,2',3,4,4',5,6 - HpCB	181						
2,2',3,4,4',5,6' - HpCB	182						
2,2',3,4,4',5',6 - HpCB	183	183 + 185					
2,2',3,4,4',6,6' - HpCB	184						
2,2',3,4,5,5',6 - HpCB	185	183 + 185					
2,2',3,4,5,6,6' - HpCB	186						
2,2',3,4',5,5',6 - HpCB	187						
2,2',3,4',5,6,6' - HpCB	188						
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4,4',5,6 - HpCB	190						
2,3,3',4,4',5',6 - HpCB	191						
2,3,3',4,5,5',6 - HpCB	192						

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-13 W

CLIENT ID: LDW-C7-T1
Project Number 04-08-06-21
Sample Data Filename PB5C_086 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193					
2,2',3,3',4,4',5,5' - OcCB	194						
2,2',3,3',4,4',5,6 - OcCB	195						
2,2',3,3',4,4',5,6' - OcCB	196						
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200					
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199					
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199					
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200					
2,2',3,3',4,5',6,6' - OcCB	201						
2,2',3,3',5,5',6,6' - OcCB	202						
2,2',3,4,4',5,5',6 - OcCB	203						
2,2',3,4,4',5,6,6' - OcCB	204						
2,3,3',4,4',5,5',6 - OcCB	205						
2,2',3,3',4,4',5,5',6 - NoCB	206						
2,2',3,3',4,4',5,6,6' - NoCB	207						
2,2',3,3',4,5,5',6,6' - NoCB	208						
2,2',3,3',4,4',5,5',6,6' - DeCB	209						

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration, E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

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CLIENT ID:
LDW-C7-T1

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-13	
Matrix:	TISSUE		**Sample Size:**	10.1	g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	13-Feb-2005	**Time:** 3:26:11	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1 0		**Cal. Ver. Data Filename:**	PB5C_076 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_076 S:8** **PB5C_086 S:6**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		4.66	0.0393
Total Dichloro Biphenyls		572	0.116
Total Trichloro Biphenyls		19800	0.656
Total Tetrachloro Biphenyls		83500	0.436
Total Pentachloro Biphenyls		110000	0.529
Total Hexachloro Biphenyls		68000	5.22
Total Heptachloro Biphenyls		15900	0.338
Total Octachloro Biphenyls		1960	0.221
Total Nonachloro Biphenyls		61.1	0.0305
Decachloro Biphenyl		4.22	0.0045
TOTAL PCBs		309000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST SIDNEY B C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C7-T1

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-13
Sample Size:	10.1 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	Sample Datafile(s):	PB5C_076 S:8 PB5C_086 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			194	0.435	0.0001	1.94E-02	1.94E-02
3,4,4',5-TetraCB	81		U		0.360	0.0001	1.80E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			2750	132	0.0001	2.75E-01	2.75E-01
2,3,4,4',5-PentaCB	114			149	0.256	0.0005	7.44E-02	7.44E-02
2,3',4,4',5-PentaCB	118			11400	115	0.0001	1.14E+00	1.14E+00
2',3,4,4',5-PentaCB	123			211	0.257	0.0001	2.11E-02	2.11E-02
3,3',4,4',5-PentaCB	126			15.0	0.310	0.1	1.50E+00	1.50E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	1160	0.395	0.0005	5.78E-01	5.78E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			561	0.308	0.00001	5.61E-03	5.61E-03
3,3',4,4',5,5'-HexaCB	169		U		5.22	0.01	2.61E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			32.5	0.338	0.0001	3.25E-03	3.25E-03
						TOTAL TEQ	3.64	3.61

(1) C = co-eluting congener, U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations

These pages are part of a larger report that may contain information necessary for full data evaluation

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C8-T

		Sample Collection:	26-Aug-2004
Lab Name: AXYS ANALYTICAL SERVICES		Project Number:	04-08-06-21
Contract No.:	4033	Lab Sample ID:	L7510-14
Matrix:	TISSUE	Sample Size:	10.1 g (wet)
Sample Receipt Date:	17-Dec-2004	Initial Calibration Date:	04-Feb-2005
Extraction Date:	27-Jan-2005	Instrument ID:	HR GC/MS
Analysis Date:	13-Feb-2005 Time: 4:30:28	GC Column ID:	SPB-OCTYL
Extract Volume (µL):	20	Sample Data Filename:	PB5C_076 S:9
Injection Volume (µL):	1 0	Blank Data Filename:	PB5C_074 S:7
Dilution Factor:	N/A	Cal. Ver. Data Filename:	PB5C_076 S:1
Concentration Units :	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		B	74.8	0.0656	3.28	1.000
3 - MoCB	2		B	13.3	0.0691	3.27	0.988
4 - MoCB	3		B	29.0	0.0751	3.27	1.001
2,2' - DiCB	4		B	1300	0.488	1.50	1.002
2,3 - DiCB	5			12.6	0.335	1.47	1.198
2,3' - DiCB	6		B	2470	0.320	1.51	1.176
2,4 - DiCB	7			76.8	0.319	1.50	1.160
2,4' - DiCB	8		B	1790	0.296	1.51	1.209
2,5 - DiCB	9			125	0.318	1.51	1.148
2,6 - DiCB	10			38.0	0.298	1.52	1.014
3,3' - DiCB	11		B	183	0.341	1.48	0.969
3,4 - DiCB	12	12 + 13	C	532	0.343	1.47	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14			2.05	0 317	1.51	0.926
4,4' - DiCB	15		B	653	0.360	1 49	1 001
2,2',3 - TriCB	16		B	685	0.0636	1.06	1 165
2,2',4 - TriCB	17		E				
2,2',5 - TriCB	18	18 + 30	C E				
2,2',6 - TriCB	19		B	1980	0.0734	1.06	1.001
2,3,3' - TriCB	20	20 + 28	C E				

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L7510-14

CLIENT ID: LDW-C8-T
Project Number: 04-08-06-21
Sample Data Filename PB5C_076 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	1110	0 377	0.99	0.857
2,3,4' - TriCB	22		B	981	0.415	1.00	0.872
2,3,5 - TriCB	23			2.63	0 391	0.99	1 283
2,3,6 - TriCB	24			41 5	0 0421	1 10	1 158
2,3',4 - TriCB	25		E				
2,3',5 - TriCB	26	26 + 29	C E				
2,3',6 - TriCB	27		E				
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		E				
2,4',6 - TriCB	32		E				
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			166	0.385	0.99	1 273
3,3',4 - TriCB	35			49.6	0.449	0.98	0.985
3,3',5 - TriCB	36			63.7	0.401	0.99	0.931
3,4,4' - TriCB	37		B	640	0.427	0.99	1 001
3,4,5 - TriCB	38			61.2	0.444	0.93	0.969
3,4',5 - TriCB	39			64.1	0.403	0.96	0.946
2,2',3,3' - TeCB	40	40 + 41 + 71	C E				
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		E				
2,2',3,5 - TeCB	43		B	266	0 134	0 84	1.248
2,2',3,5' - TeCB	44	44 + 47 + 65	C E				
2,2',3,6 - TeCB	45	45 + 51	C E				
2,2',3,6' - TeCB	46			1970	0.135	0 79	1.161
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	793	0 117	0.82	1.274
2,2',4,5' - TeCB	49	49 + 69	C E				
2,2',4,6 - TeCB	50	50 + 53	C E				
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		F				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			255	0.105	0.79	1.001
2,3,3',4 - TeCB	55			191	0.503	0.75	0.890
2,3,3',4' - TeCB	56		B	2140	0.513	0.76	0.905
2,3,3',5 - TeCB	57			1040	0.483	0.76	0.844
2,3,3',5' - TeCB	58			353	0.479	0.76	0.852
2,3,3',6 - TeCB	59	59 + 62 + 75	C E				
2,3,4,4' - TeCB	60		B	607	0.514	0.75	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C E				
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			716	0 474	0 76	0 864

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST SIDNEY B C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID [illegible]7510-14

CLIENT ID: LDW-C8-T
Project Number 04-08-06-21
Sample Data Filename PB5C_076 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		E				
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		E				
2,3',4,5 - TeCB	67			1740	0 440	0.75	0.857
2,3',4,5' - TeCB	68			1680	0 458	0.74	0 831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			3060	0.463	0.74	0.822
2,3',5',6 - TeCB	73			462	0.0882	0.80	1.243
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	454	0.551	0.75	1.000
3,3',4,5 - TeCB	78		U		0 576		
3,3',4,5' - TeCB	79			504	0 473	0.71	0.971
3,3',5,5' - TeCB	80		U		0 478		
3,4,4',5 - TeCB	81		K	26.7	0.462	0.68	1.001
2,2',3,3',4 - PeCB	82			2020	0 782	1 58	0.934
2,2',3,3',5 - PeCB	83	83 + 99	C E				
2,2',3,3',6 - PeCB	84		E				
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C E				
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C E				
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C E				
2,2',3,4,6' - PeCB	89			182	0 670	1.60	1.182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		E				
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			338	0.639	1.58	1.101
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			424	0.0675	1 60	1 015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			1350	0.557	1.58	1.093
2,2',4,6,6' - PeCB	104			35 9	0 0804	1.54	1 001
2,3,3',4,4' - PeCB	105		E				
2,3,3',4,5 - PeCB	106		U		0.285		

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CLIENT ID: LDW-C8-T

Project Number: 04-08-06-21
Sample Data Filename: PB5C_076 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	925	0.289	1 52	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			2810	0.262	1.54	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			81 3	0.510	1 47	0 945
2,3,3',5,6 - PeCB	112		U		0.512		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			359	0.300	1.52	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			417	0.519	1.56	0 959
2,3',4,5',6 - PeCB	121			40 2	0 477	1 60	1.200
2',3,3',4,5 - PeCB	122			290	0.317	1.54	1.010
2',3,4,4',5 - PeCB	123			453	0.304	1.54	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			41.0	0.353	1.49	1 000
3,3',4,5,5' - PeCB	127			62.2	0.314	1.51	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	5480	0.462	1.27	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,3',4,5' - HxCB	130			2490	0.560	1.27	0.913
2,2',3,3',4,6 - HxCB	131			343	0 483	1.28	1.159
2,2',3,3',4,6' - HxCB	132		E				
2,2',3,3',5,5' - HxCB	133			900	0 492	1.27	1 191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	2490	0 502	1.27	1.139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C E				
2,2',3,3',6,6' - HxCB	136		B	5250	0.0866	1 27	1.024
2,2',3,4,4',5 - HxCB	137			2000	0.517	1 26	0 918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	768	0.449	1.27	1 152
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	3090	0 506	1.27	0 903
2,2',3,4,5,6 - HxCB	142		U		0.510		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			876	0 119	1.27	1.121
2,2',3,4,6,6' - HxCB	145			14 8	0.0878	1.27	1 033
2,2',3,4',5,5' - HxCB	146		B	6130	0 451	1 27	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C E				
2,2',3,4',5,6' - HxCB	148			110	0 118	1 26	1 083
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C8-T

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-14 W	
Matrix:	TISSUE		**Sample Size:**	10.1	g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	18-Feb-2005	**Time:** 2:36:14	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	500		**Sample Data Filename:**	**PB5C_086 S:7**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_074 S 7	
Dilution Factor:	25		**Cal. Ver. Data Filename:**	PB5C_086 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17		D B	4090	0 469	1 06	1 140
2,2',5 - TriCB	18	18 + 30	C D B	10700	0 383	1.06	1.114
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28	C D B	8680	52.0	1.01	0.848

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID LE510-14 W

CLIENT ID: LDW-C8-T
Project Number 04-08-06-21
Sample Data Filename PB5C_086 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25		D B	14300	42.1	1.01	0.825
2,3',5 - TriCB	26	26 + 29	C D B	38300	50.9	1.02	1.303
2,3',6 - TriCB	27		D B	7670	0.327	1.06	1.152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		D B	10700	51.1	1.02	0.837
2,4',6 - TriCB	32		D B	3530	47.1	1.01	1.198
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71	C D B	14700	3.77	0.79	1.338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		D B	6420	3.46	0.79	1.313
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65	C D B	38800	3.35	0.79	1.286
2,2',3,6 - TeCB	45	45 + 51	C D B	5410	3.63	0.79	1.148
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69	C D B	60200	3.10	0.79	1.260
2,2',4,6 - TeCB	50	50 + 53	C D B	13000	3.50	0.79	1.110
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		D B	110000	3.66	0.79	1.235
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75	C D B	6630	2.81	0.78	1.303
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C D B	17300	65.9	0.76	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63						

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-14 W

CLIENT ID: LDW-C8-T
Project Number 04-08-06-21
Sample Data Filename PB5C_086 S 7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64		D B	5180	2.64	0.79	1 349
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		D B	13300	67.2	0 75	0.884
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99	C D B	37200	194	1 58	0 885
2,2',3,3',6 - PeCB	84		D B	14000	196	1.60	1 162
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C D B	5100	161	1 58	0.919
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C D B	22500	156	1 59	0.900
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C D B	13100	171	1.59	1.154
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	46300	161	1.59	0.869
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		D B	16200	192	1.59	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C D B	58500	166	1 59	1.121
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105		D B	6680	318	1 56	1 001
2,3,3',4,5 - PeCB	106						

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Approved by _____ QA/QC Chemist

02-03-2005
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CLIENT ID:
LDW-C8-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

		Sample Collection:	26-Aug-2004
Lab Name: AXYS ANALYTICAL SERVICES		Project Number:	04-08-06-21
Contract No.:	4033	Lab Sample ID:	L7510-14
Matrix:	TISSUE	Sample Size:	10.1 g (wet)
Sample Receipt Date:	17-Dec-2004	Initial Calibration Date:	04-Feb-2005
Extraction Date:	27-Jan-2005	Instrument ID:	HR GC/MS
Analysis Date:	13-Feb-2005 Time: 4:30:28	GC Column ID:	SPB-OCTYL
Extract Volume (µL):	20	Blank Data Filename:	PB5C 074 S:7
Injection Volume (µL):	1.0	Cal. Ver. Data Filename:	PB5C_076 S:1
Dilution Factor:	N/A	Sample Datafile(s):	**PB5C_076 S:9** **PB5C_086 S:7**
Concentration Units :	ng/kg (wet weight basis)		

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		117	0.0751
Total Dichloro Biphenyls		7180	0.488
Total Trichloro Biphenyls		104000	0.449
Total Tetrachloro Biphenyls		307000	0.576
Total Pentachloro Biphenyls		322000	0.782
Total Hexachloro Biphenyls		158000	11.8
Total Heptachloro Biphenyls		27400	0.593
Total Octachloro Biphenyls		3670	0.526
Total Nonachloro Biphenyls		234	0.0715
Decachloro Biphenyl		18.3	0.0064
TOTAL PCBs		930000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL 1 sis S1s

Approved by: [signature] QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C9-T

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04 08 06 21
Matrix:	TISSUE	Lab Sample ID:	L7510-15
Sample Receipt Date:	17-Dec-2004	Sample Size:	10 1 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	13-Feb-2005 Time: 5:34:40	Instrument ID:	HR GC/MS
Extract Volume (µL):	20	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1 0	Sample Data Filename:	PB5C_076 S:10
Dilution Factor:	N/A	Blank Data Filename:	PB5C_074 S:7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_076 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		JB	1.43	0.0269	3.17	1.001
3 - MoCB	2		JB	0.310	0.0291	3.43	0.989
4 - MoCB	3		JB	0.781	0 0325	3.35	1 001
2,2' - DiCB	4		B	37.5	0.0831	1.49	1 001
2,3 - DiCB	5		J	0.624	0.0602	1 39	1 198
2,3' - DiCB	6		B	26.2	0 0576	1.49	1.175
2,4 - DiCB	7			2.30	0.0573	1 51	1.158
2,4' - DiCB	8		B	53.5	0.0533	1 49	1.208
2,5 - DiCB	9			3.78	0.0573	1 49	1.146
2,6 - DiCB	10		J	1 91	0.0535	1 50	1.013
3,3' DiCB	11		B	17.6	0.0613	1.57	0 969
3,4 - DiCB	12	12 + 13	C	15.0	0.0617	1.50	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.0570		
4,4' - DiCB	15		B	79.5	0.0672	1 50	1.001
2,2',3 - TriCB	16		B	125	0.0891	1.06	1.165
2,2',4 - TriCB	17		B	255	0.0823	1.06	1.139
2,2',5 - TriCB	18	18 + 30	C B	445	0 0665	1.06	1.113
2,2',6 - TriCB	19		B	64.5	0 0927	1.06	1.001
2,3,3' - TriCB	20	20 + 28	C B	1110	0.107	1.00	0.848

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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD. WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-15

CLIENT ID: LDW-C9-T
Project Number. 04-08-06-21
Sample Data Filename PB5C_076 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	250	0 105	1.00	0.857
2,3,4' - TriCB	22		B	257	0.115	0.99	0.872
2,3,5 - TriCB	23		J	0.558	0 109	0.99	1.284
2,3,6 - TriCB	24			4.83	0.0589	1.02	1.159
2,3',4 - TriCB	25		B	230	0.0965	0.99	0.825
2,3',5 - TriCB	26	26 + 29	C B	509	0 108	1.00	1.302
2,3',6 - TriCB	27		B	107	0.0560	1.06	1.152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	799	0 104	1.00	0.837
2,4',6 - TriCB	32		B	218	0.100	0.99	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			6.30	0.107	0.99	1 275
3,3',4 - TriCB	35			11.6	0.125	1.03	0.985
3,3',5 - TriCB	36		J	1.00	0.112	0.97	0.932
3,4,4' - TriCB	37		B	229	0.126	1.00	1.001
3,4,5 - TriCB	38			2.20	0.124	0.94	0.969
3,4',5 - TriCB	39			8.44	0.112	0.94	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	786	0.105	0.79	1.337
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	452	0.107	0.79	1.312
2,2',3,5 - TeCB	43		B	57.7	0.117	0.79	1.247
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	1900	0.0950	0.79	1 287
2,2',3,6 - TeCB	45	45 + 51	C B	248	0 100	0.79	1 147
2,2',3,6' - TeCB	46			81.4	0.117	0.79	1 162
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	245	0.102	0.79	1 275
2,2',4,5' - TeCB	49	49 + 69	C B	1680	0.0890	0.79	1.260
2,2',4,6 - TeCB	50	50 + 53	C B	306	0.0967	0.80	1.111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		F				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			5.46	0.0808	0.77	1.001
2,3,3',4 - TeCB	55			29.7	0.498	0.76	0.890
2,3,3',4' - TeCB	56		B	626	0.508	0 76	0.905
2,3,3',5 - TeCB	57			26.8	0 479	0.73	0.844
2,3,3',5' - TeCB	58			12 1	0 475	0.78	0.852
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	216	0.0792	0.79	1 303
2,3,4,4' - TeCB	60		B	292	0.510	0.76	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C E				
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			66.3	0.469	0.74	0.865

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027

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID L7510-15

CLIENT ID: LDW-C9-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_076 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64		B	609	0.0785	0.79	1 350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	1730	0 481	0.75	0 885
2,3',4,5 - TeCB	67			63.5	0 436	0 75	0 856
2,3',4,5' - TeCB	68			36.2	0 454	0 73	0 832
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			69 4	0.459	0.76	0.822
2,3',5',6 - TeCB	73		U		0.0768		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	110	0.549	0.76	1 001
3,3',4,5 - TeCB	78		U		0.571		
3,3',4,5' - TeCB	79			37 4	0.469	0.71	0 970
3,3',5,5' - TeCB	80		U		0.474		
3,4,4',5 - TeCB	81		K	5.35	0.508	0.77	1 001
2,2',3,3',4 - PeCB	82			309	0.472	1.60	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C E				
2,2',3,3',6 - PeCB	84		B	655	0.430	1.58	1 163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	600	0.347	1.58	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	1970	0.349	1.59	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	522	0.372	1 59	1.154
2,2',3,4,6' - PeCB	89			27.0	0.404	1.61	1.182
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	1120	0.396	1.58	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			19 1	0 386	1 59	1 102
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			19.5	0.0710	1.59	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			61.3	0 336	1.60	1.093
2,2',4,6,6' - PeCB	104		J	1 02	0.0789	1.64	1.001
2,3,3',4,4' - PeCB	105		B	917	0 439	1 52	1 000
2,3,3',4,5 - PeCB	106		U		0 440		

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-15

CLIENT ID: LDW-C9-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_076 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	125	0.445	1.53	0.990
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			243	0.404	1.53	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			5.24	0 308	1.64	0.945
2,3,3',5,6 - PeCB	112		U		0.309		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			56.9	0 446	1.53	1.001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			24.8	0.313	1.62	0.958
2,3',4,5',6 - PeCB	121		J	1.98	0.288	1.52	1.201
2',3,3',4,5 - PeCB	122			43.5	0.488	1.53	1.010
2',3,4,4',5 - PeCB	123			59.1	0.434	1.53	1.000
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			5.22	0.514	1.53	1.000
3,3',4,5,5' - PeCB	127			6.40	0.484	1 54	1 042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	562	0.353	1.27	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	4460	0.339	1.26	0.929
2,2',3,3',4,5' - HxCB	130			329	0.429	1 26	0.913
2,2',3,3',4,6 - HxCB	131			40.5	0.370	1 29	1 159
2,2',3,3',4,6' - HxCB	132		B	1210	0.386	1.27	1 174
2,2',3,3',5,5' - HxCB	133			134	0.377	1.26	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	250	0.384	1.29	1.139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C B	2080	0 100	1.27	1.103
2,2',3,3',6,6' - HxCB	136		B	521	0.0764	1.28	1.024
2,2',3,4,4',5 - HxCB	137			204	0 396	1 26	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	81.8	0.343	1.26	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	528	0.387	1.27	0.903
2,2',3,4,5,6 - HxCB	142		U		0.390		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			190	0.105	1.26	1 121
2,2',3,4,6,6' - HxCB	145		J	1 16	0.0775	1.18	1 033
2,2',3,4',5,5' - HxCB	146		B	1010	0.345	1.27	0 884
2,2',3,4',5,6 - HxCB	147	147 + 149	C B	4140	0.328	1.27	1.133
2,2',3,4',5,6' - HxCB	148			16 4	0 104	1 32	1.084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-15

CLIENT ID: LDW-C9-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_076 S 10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			8.66	0 0739	1 34	1.012
2,2',3.5.5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3.5.6,6' - HxCB	152			3.27	0.0717	1.28	1 006
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2.2',4.4',6.6' - HxCB	155		J	0.689	0.0759	1.38	1.001
2,3.3',4.4',5 - HxCB	156	156 + 157	C B	313	0.374	1 26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	407	0.282	1 27	0.938
2,3,3',4.5.5' - HxCB	159		U		0.317		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.284		
2,3,3',4',5,5' - HxCB	162			11.0	0.317	1.23	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	372	0.297	1.26	0.921
2,3,3',5,5',6 - HxCB	165			3.50	0.301	1.23	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	157	0.288	1.27	1 000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		3.15		
2,2',3,3',4,4',5 - HpCB	170		B	495	0.150	1.06	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	347	0.140	1 05	1.162
2,2',3,3',4,5,5' - HpCB	172			96.7	0 146	1 06	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		B	693	0.124	1.06	1.133
2,2',3,3',4,5',6 - HpCB	175			69 4	0.120	1.05	1.102
2,2',3,3',4,6,6' - HpCB	176			151	0.0886	1.06	1.034
2,2',3,3',4',5,6 - HpCB	177		B	1050	0.139	1.07	1.145
2,2',3,3',5,5',6 - HpCB	178			491	0.125	1.06	1.085
2,2',3,3',5,6,6' - HpCB	179		B	567	0.0862	1.06	1.009
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	2250	0 116	1 06	0.910
2,2',3,4,4',5,6 - HpCB	181			7.22	0.127	0 98	1.156
2,2',3,4,4',5,6' - HpCB	182			12.0	0 124	1.04	1.116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C B	930	0.122	1.07	1.127
2,2',3,4,4',6,6' - HpCB	184		J	0.897	0 0817	1.05	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0.0899		
2,2',3,4',5,5',6 - HpCB	187		B	2130	0.114	1.06	1.110
2,2',3,4',5,6,6' - HpCB	188			3 02	0.0759	0 97	1.000
2,3,3',4,4',5,5' - HpCB	189			13 6	0.235	0 93	1.001
2,3,3',4,4',5,6 - HpCB	190		B	173	0.112	1 06	0.947
2,3,3',4,4',5',6 - HpCB	191			51 6	0 109	1 04	0.918
2,3,3',4,5,5',6 - HpCB	192		U		0 114		

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-581

Lab Sample ID L7510-15

CLIENT ID: LDW-C9-T
Project Number: 04-08-06-21
Sample Data Filename: PB5C_076 S 10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	95 7	0 126	0.89	0.991
2,2',3,3',4,4',5,6 - OcCB	195		B	55 0	0.133	0.88	0.945
2,2',3,3',4,4',5,6' - OcCB	196		B	205	0.0263	0.91	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	33 7	0.0183	0.92	1 045
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C B	456	0.0261	0.92	1 115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	88.1	0.0187	0.92	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	198	0 0209	0 92	1.001
2,2',3,4,4',5,5',6 - OcCB	203		B	147	0.0240	0.93	0.920
2,2',3,4,4',5,6,6' - OcCB	204		KJB	0.076	0 0183	1.05	1.040
2,3,3',4,4',5,5',6 - OcCB	205		B	8.87	0 102	0.90	1.000
2,2',3,3',4,4',5,5',6 - NoCB	206		B	22.9	0 0356	0.81	1.000
2,2',3,3',4,4',5,6,6' - NoCB	207			2.67	0 0292	0 76	1.020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	5.71	0.0315	0 81	1.000
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	3.29	0.0028	0.71	1.000

(1) C = co-eluting congener U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration, E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C9-T

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-15 W
Sample Receipt Date:	17-Dec-2004	Sample Size:	10 1 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	17-Feb-2005 Time: 6:05.18	Instrument ID:	HR GC/MS
Extract Volume (µL):	200	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1 0	Sample Data Filename:	PB5C_084 S:10
Dilution Factor:	10	Blank Data Filename:	PB5C_074 S 7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_084 S.1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

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01-03-2005
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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID L 5510-15 W

CLIENT ID: LDW-C9-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65					
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65					
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52		D B	3800	0.302	0.70	1 236
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C D B	2630	18.9	0 75	0.876
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

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Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

Lab Sample ID L7510-15 W

CLIENT ID: LDW-C9-T
Project Number 04-08-06-21
Sample Data Filename: PB5C_084 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64						
2,3,5,6 - TeCB	65	44 + 47 + 65					
2,3',4,4' - TeCB	66						
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69					
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71					
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75					
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99	C D B	2800	19.1	1.58	0.885
2,2',3,3',6 - PeCB	84						
2,2',3,4,4' - PeCB	85	85 + 116 + 117					
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,6 - PeCB	88	88 + 91					
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	4460	16 0	1.58	0.869
2,2',3,4',6 - PeCB	91	88 + 91					
2,2',3,5,5' - PeCB	92						
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C D B	4070	16.8	1.59	1.121
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125					
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105						
2,3,3',4,5 - PeCB	106						

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Approved by _____ QA/QC Chemist

01-03-2005
dd-mm-yyyy

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-15 W

CLIENT ID: LDW-C9-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124					
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125					
2,3,3',4,6 - PeCB	109						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	4150	13.5	1.59	0.925
2,3,3',5,5' - PeCB	111						
2,3,3',5,6 - PeCB	112						
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117					
2,3,4',5,6 - PeCB	117	85 + 116 + 117					
2,3',4,4',5 - PeCB	118		D B	2990	22.6	1.53	1.001
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125					
2,3',4,5,5' - PeCB	120						
2,3',4,5',6 - PeCB	121						
2',3,3',4,5 - PeCB	122						
2',3,4,4',5 - PeCB	123						
2',3,4,5,5' - PeCB	124	107 + 124					
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125					
3,3',4,4',5 - PeCB	126						
3,3',4,5,5' - PeCB	127						
2,2',3,3',4,4' - HxCB	128	128 + 166					
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163					
2,2',3,3',4,5' - HxCB	130						
2,2',3,3',4,6 - HxCB	131						
2,2',3,3',4,6' - HxCB	132						
2,2',3,3',5,5' - HxCB	133						
2,2',3,3',5,6 - HxCB	134	134 + 143					
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154					
2,2',3,3',6,6' - HxCB	136						
2,2',3,4,4',5 - HxCB	137						
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163					
2,2',3,4,4',6 - HxCB	139	139 + 140					
2,2',3,4,4',6' - HxCB	140	139 + 140					
2,2',3,4,5,5' - HxCB	141						
2,2',3,4,5,6 - HxCB	142						
2,2',3,4,5,6' - HxCB	143	134 + 143					
2,2',3,4,5',6 - HxCB	144						
2,2',3,4,6,6' - HxCB	145						
2,2',3,4',5,5' - HxCB	146						
2,2',3,4',5,6 - HxCB	147	147 + 149					
2,2',3,4',5,6' - HxCB	148						
2,2',3,4',5',6 - HxCB	149	147 + 149					

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-15 W

CLIENT ID: LDW-C9-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150						
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154					
2,2',3,5,6,6' - HxCB	152						
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	4870	52.9	1.25	0 899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154					
2,2',4,4',6,6' - HxCB	155						
2,3,3',4,4',5 - HxCB	156	156 + 157					
2,3,3',4,4',5' - HxCB	157	156 + 157					
2,3,3',4,4',6 - HxCB	158						
2,3,3',4,5,5' - HxCB	159						
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163					
2,3,3',4,5',6 - HxCB	161						
2,3,3',4',5,5' - HxCB	162						
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163					
2,3,3',4',5',6 - HxCB	164						
2,3,3',5,5',6 - HxCB	165						
2,3,4,4',5,6 - HxCB	166	128 + 166					
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,3',4,4',5 - HpCB	170						
2,2',3,3',4,4',6 - HpCB	171	171 + 173					
2,2',3,3',4,5,5' - HpCB	172						
2,2',3,3',4,5,6 - HpCB	173	171 + 173					
2,2',3,3',4,5,6' - HpCB	174						
2,2',3,3',4,5',6 - HpCB	175						
2,2',3,3',4,6,6' - HpCB	176						
2,2',3,3',4',5,6 - HpCB	177						
2,2',3,3',5,5',6 - HpCB	178						
2,2',3,3',5,6,6' - HpCB	179						
2,2',3,4,4',5,5' - HpCB	180	180 + 193					
2,2',3,4,4',5,6 - HpCB	181						
2,2',3,4,4',5,6' - HpCB	182						
2,2',3,4,4',5',6 - HpCB	183	183 + 185					
2,2',3,4,4',6,6' - HpCB	184						
2,2',3,4,5,5',6 - HpCB	185	183 + 185					
2,2',3,4,5,6,6' - HpCB	186						
2,2',3,4',5,5',6 - HpCB	187						
2,2',3,4',5,6,6' - HpCB	188						
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4,4',5,6 - HpCB	190						
2,3,3',4,4',5',6 - HpCB	191						
2,3,3',4,5,5',6 - HpCB	192						

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 6 of 6
Lab Sample ID L7510-15 W

CLIENT ID: LDW-C9-T
Project Number 04-08-06-21
Sample Data Filename PB5C_084 S 10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193					
2,2',3,3',4,4',5,5' - OcCB	194						
2,2',3,3',4,4',5,6 - OcCB	195						
2,2',3,3',4,4',5,6' - OcCB	196						
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200					
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199					
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199					
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200					
2,2',3,3',4,5',6,6' - OcCB	201						
2,2',3,3',5,5',6,6' - OcCB	202						
2,2',3,4,4',5,5',6 - OcCB	203						
2,2',3,4,4',5,6,6' - OcCB	204						
2,3,3',4,4',5,5',6 - OcCB	205						
2,2',3,3',4,4',5,5',6 - NoCB	206						
2,2',3,3',4,4',5,6,6' - NoCB	207						
2,2',3,3',4,5,5',6,6' - NoCB	208						
2,2',3,3',4,4',5,5',6,6' - DeCB	209						

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration, E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

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CLIENT ID:
LDW-C9-T

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7510-15	
Matrix:	TISSUE		**Sample Size:**	10.1	g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	13-Feb-2005	**Time:** 5:34:40	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_076 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_076 S:10** **PB5C_084 S:10**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		2.52	0.0325
Total Dichloro Biphenyls		238	0.0831
Total Trichloro Biphenyls		4630	0.126
Total Tetrachloro Biphenyls		16100	0.571
Total Pentachloro Biphenyls		25200	0.514
Total Hexachloro Biphenyls		21900	3.15
Total Heptachloro Biphenyls		9540	0.235
Total Octachloro Biphenyls		1290	0.133
Total Nonachloro Biphenyls		31.3	0.0356
Decachloro Biphenyl		3.29	0.0028
TOTAL PCBs		79000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

4743PCBTOTAL 1 xls S20

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AXYS METHOD MLA-010 Rev 05
PCB-TEQ-DL_14

CLIENT ID:
LDW-C9-T

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-15
Sample Size:	10.1 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	Sample Datafile(s):	PB5C_076 S:10 PB5C_084 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			110	0.549	0.0001	1.10E-02	1.10E-02
3,4,4',5-TetraCB	81		U		0.508	0.0001	2.54E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			917	0.439	0.0001	9.17E-02	9.17E-02
2,3,4,4',5-PentaCB	114			56.9	0.446	0.0005	2.85E-02	2.85E-02
2,3',4,4',5-PentaCB	118			2990	22.6	0.0001	2.99E-01	2.99E-01
2',3,4,4',5-PentaCB	123			59.1	0.434	0.0001	5.91E-03	5.91E-03
3,3',4,4',5-PentaCB	126			5.22	0.514	0.1	5.22E-01	5.22E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	313	0.374	0.0005	1.56E-01	1.56E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			157	0.288	0.00001	1.57E-03	1.57E-03
3,3',4,4',5,5'-HexaCB	169		U		3.15	0.01	1.58E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			13.6	0.235	0.0001	1.36E-03	1.36E-03
						TOTAL TEQ	1.13	1.12

(1) C = co-eluting congener, U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation

4743PCBTEQ_1 xls S15-TEQ1

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Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C10-T1

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04-08-06-21	
Contract No.:	4033		Lab Sample ID:	L7510-16 (A)	
Matrix:	TISSUE		Sample Size:	10.2	g (wet)
Sample Receipt Date:	17-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	27-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	13-Feb-2005	Time: 15:24:30	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	20		Sample Data Filename:	PB5C_077 S:8	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_074 S:7	
Dilution Factor:	N/A		Cal. Ver. Data Filename:	PB5C_077 S:1	
Concentration Units :	ng/kg (wet weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		B	4.67	0.0228	3.29	1.000
3 - MoCB	2		JB	0.853	0.0252	3.20	0.988
4 - MoCB	3		B	2.40	0.0283	3.20	1 001
2,2' - DiCB	4		B	50.1	0 115	1.50	1 001
2,3 - DiCB	5		J	1.31	0.0942	1 45	1 199
2,3' - DiCB	6		B	62.6	0.0884	1.51	1 176
2,4 - DiCB	7			3.87	0.0878	1.53	1.158
2,4' - DiCB	8		B	93.5	0.0842	1.50	1.208
2,5 - DiCB	9			5.94	0.0879	1.54	1.146
2,6 - DiCB	10			2.34	0.0854	1.50	1.014
3,3' - DiCB	11		B	12 2	0 0989	1 49	0 968
3,4 - DiCB	12	12 + 13	C	19.5	0.0983	1.51	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		J	0.098	0.0946	1.45	0.926
4,4' - DiCB	15		B	69.8	0.112	1.49	1.001
2,2',3 - TriCB	16		B	83 1	0.0237	1.08	1 166
2,2',4 - TriCB	17		B	209	0.0221	1.06	1 139
2,2',5 - TriCB	18	18 + 30	C B	418	0.0181	1.06	1 113
2,2',6 - TriCB	19		B	79.3	0.0251	1.05	1 002
2,3,3' - TriCB	20	20 + 28	C B	839	0.162	1.01	0.848

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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-16 (A)

CLIENT ID: LDW-C10-T1
Project Number: 04-08-06-21
Sample Data Filename PB5C_077 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	189	0 167	1 00	0.857
2,3,4' - TriCB	22		B	183	0 180	1.01	0.872
2,3,5 - TriCB	23		KJ	0 417	0 168	0.88	1 284
2,3,6 - TriCB	24			4 19	0 0155	1.05	1 159
2,3',4 - TriCB	25		B	232	0 147	1 01	0.825
2,3',5 - TriCB	26	26 + 29	C B	568	0 167	1.01	1 302
2,3',6 - TriCB	27		B	112	0 0154	1.06	1 152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	667	0 164	1.00	0.836
2,4',6 - TriCB	32		B	196	0 153	1.00	1.198
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			5.89	0.168	1.01	1.275
3,3',4 - TriCB	35			7.83	0.203	0.95	0.985
3,3',5 - TriCB	36		J	0.722	0.166	0.90	0.931
3,4,4' - TriCB	37		B	150	0.191	0.99	1 001
3,4,5 - TriCB	38		K	2.50	0.181	0.74	0 969
3,4',5 - TriCB	39			7.30	0 173	0.94	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	642	0.0350	0.79	1 338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	350	0.0363	0.80	1 313
2,2',3,5 - TeCB	43		B	49.1	0.0382	0.80	1 248
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	1680	0.0316	0.80	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	206	0.0322	0 80	1.148
2,2',3,6' - TeCB	46			54.7	0.0384	0 80	1 162
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	187	0.0339	0.80	1.275
2,2',4,5' - TeCB	49	49 + 69	C B	1640	0.0297	0.80	1.261
2,2',4,6 - TeCB	50	50 + 53	C B	303	0 0311	0.80	1.111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		E				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			7 61	0.0273	0.82	1.002
2,3,3',4 - TeCB	55			17 6	0.539	0.77	0.889
2,3,3',4' - TeCB	56		B	473	0.544	0.74	0.905
2,3,3',5 - TeCB	57			30.5	0.518	0.73	0.844
2,3,3',5' - TeCB	58			13.4	0.514	0.79	0.852
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	199	0.0267	0.79	1.304
2,3,4,4' - TeCB	60		B	215	0.530	0.75	0.911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	2170	0.497	0 75	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			58.6	0.519	0.75	0.864

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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-16 (A)

CLIENT ID: LDW-C10-T1
Project Number 04-08-06-21
Sample Data Filename: PB5C_077 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64		B	485	0.0258	0.79	1.350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	1450	0.500	0.74	0.884
2,3',4,5 - TeCB	67			64.8	0 483	0.75	0.857
2,3',4,5' - TeCB	68			40.5	0 489	0.75	0.831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			77.3	0.485	0.74	0.822
2,3',5',6 - TeCB	73		U		0.0254		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	78.7	0.524	0.74	1.000
3,3',4,5 - TeCB	78		U		0.558		
3,3',4,5' - TeCB	79			38.7	0.461	0.71	0.970
3,3',5,5' - TeCB	80		U		0.505		
3,4,4',5 - TeCB	81		K	4.44	0.479	0.76	1.001
2,2',3,3',4 - PeCB	82			282	0.211	1.57	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C E				
2,2',3,3',6 - PeCB	84		B	830	0.219	1.59	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	582	0.162	1.58	0.920
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C E				
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	586	0.188	1 59	1 154
2,2',3,4,6' - PeCB	89			24.8	0.206	1.59	1.183
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	2180	0.198	1.58	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			20.0	0 189	1 61	1 102
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			20.7	0.0377	1.58	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			79.6	0.164	1.59	1.094
2,2',4,6,6' - PeCB	104		J	1 35	0.0384	1 62	1 001
2,3,3',4,4' - PeCB	105		B	1010	0 421	1 52	1 001
2,3,3',4,5 - PeCB	106		U		0.421		

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 4 of 6
Lab Sample ID L7510-16 (A)

CLIENT ID: LDW-C10-T1
Project Number 04-08-06-21
Sample Data Filename PB5C_077 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	141	0.418	1.52	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			268	0.392	1.52	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			6.43	0.141	1.47	0.945
2,3,3',5,6 - PeCB	112		U		0.142		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			52.0	0.413	1.52	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			34.5	0.141	1.57	0.959
2,3',4,5',6 - PeCB	121			2.12	0.146	1.55	1 201
2',3,3',4,5 - PeCB	122			43.8	0.465	1.53	1.010
2',3,4,4',5 - PeCB	123			52.6	0.445	1.51	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			9.11	0.424	1.51	1.000
3,3',4,5,5' - PeCB	127			7.55	0.462	1 55	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	1390	0.341	1.27	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,3',4,5' - HxCB	130			950	0.423	1.27	0.913
2,2',3,3',4,6 - HxCB	131			91.2	0.373	1.34	1.160
2,2',3,3',4,6' - HxCB	132		E				
2,2',3,3',5,5' - HxCB	133			414	0.373	1.27	1 191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	850	0.376	1.28	1.140
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C E				
2,2',3,3',6,6' - HxCB	136		B	2730	0.0452	1.27	1.024
2,2',3,4,4',5 - HxCB	137			191	0 385	1 34	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C	92.5	0.344	1.42	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	4180	0.377	1.27	0.903
2,2',3,4,5,6 - HxCB	142		U		0.383		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			1210	0 0601	1.26	1.121
2,2',3,4,6,6' - HxCB	145		J	1 50	0.0461	1.19	1.033
2,2',3,4',5,5' - HxCB	146		E				
2,2',3,4',5,6 - HxCB	147	147 + 149	C E				
2,2',3,4',5,6' - HxCB	148			19.0	0.0619	1.26	1 084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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Approved by: _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID L7510-16 (A)

CLIENT ID: LDW-C10-T1
Project Number 04-08-06-21
Sample Data Filename: PB5C_077 S:8

COMPOUND	IUPAC NO	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			10 7	0.0437	1.25	1 012
2,2',3.5.5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152			3 76	0.0437	1.26	1.007
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	0.629	0.0446	1.27	1.001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	984	0.364	1.27	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	1870	0.277	1.26	0.938
2,3,3',4,5,5' - HxCB	159		U		0.299		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.282		
2,3,3',4',5,5' - HxCB	162			37 4	0.298	1.28	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	1920	0.295	1.27	0.921
2,3,3',5,5',6 - HxCB	165			5.69	0.307	1.30	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	581	0.285	1.27	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		25.2		
2,2',3,3',4,4',5 - HpCB	170		E				
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	2990	0.245	1.06	1.162
2,2',3,3',4,5,5' - HpCB	172			1020	0.252	1.06	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		E				
2,2',3,3',4,5',6 - HpCB	175			563	0.212	1.06	1.102
2,2',3,3',4,6,6' - HpCB	176			1280	0.162	1.06	1.034
2,2',3,3',4',5,6 - HpCB	177		E				
2,2',3,3',5,5',6 - HpCB	178		E				
2,2',3,3',5,6,6' - HpCB	179		E				
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,2',3,4,4',5,6 - HpCB	181			24.0	0.221	1 07	1.156
2,2',3,4,4',5,6' - HpCB	182			34.7	0.218	1.07	1.116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C E				
2,2',3,4,4',6,6' - HpCB	184		J	1.71	0.147	0.96	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0 162		
2,2',3,4',5,5',6 - HpCB	187		E				
2,2',3,4',5,6,6' - HpCB	188			5.33	0.155	1.09	1.001
2,3,3',4,4',5,5' - HpCB	189			160	1.11	0.96	1.000
2,3,3',4,4',5,6 - HpCB	190		B	1730	0 198	1.05	0.947
2,3,3',4,4',5',6 - HpCB	191			463	0.191	1.06	0.918
2,3,3',4,5,5',6 HpCB	192		U		0.200		

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-16 (A)

CLIENT ID: LDW-C10-T1
Project Number: 04-08-06-21
Sample Data Filename: PB5C_077 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	1670	0.866	0.91	0 991
2,2',3,3',4,4',5,6 - OcCB	195		B	875	0.957	0.90	0.946
2,2',3,3',4,4',5,6' - OcCB	196		B	1910	0 0234	0.93	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	374	0.0162	0.93	1.045
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C E				
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	667	0.0163	0.93	1.023
2,2',3,3',5,5',6,6' - OcCB	202		B	1380	0.0197	0.92	1.000
2,2',3,4,4',5,5',6 - OcCB	203		B	1520	0.0220	0.93	0.920
2,2',3,4,4',5,6,6' - OcCB	204		JB	0.341	0.0167	0.95	1.039
2,3,3',4,4',5,5',6 - OcCB	205		B	107	0.671	0.91	1.001
2,2',3,3',4,4',5,5',6 - NoCB	206		B	249	0 102	0.79	1 001
2,2',3,3',4,4',5,6,6' - NoCB	207			35.6	0.0820	0 79	1.020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	47 9	0.0868	0.79	1.001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	6.30	0.0172	0 68	1 001

(1) C = co-eluting congener; U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration. E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL. B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by _____ QA/QC Chemist

01-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C10-T1

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-16 W (A)
Sample Receipt Date:	17-Dec-2004	Sample Size:	10.2 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	18-Feb-2005 Time: 3:40:26	Instrument ID:	HR GC/MS
Extract Volume (µL):	500	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1.0	Sample Data Filename:	PB5C_086 S:8
Dilution Factor:	25	Blank Data Filename:	PB5C_074 S:7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_086 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

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AXYS METHOD MLA-010 Rev 05
Form 1A

Lab Sample ID L7510-16 W (Ar

CLIENT ID: LDW-C10-T1
Project Number: 04-08-06-21
Sample Data Filename PB5C_086 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65					
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65					
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52		D,B	3730	1.14	0.80	1.235
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76					
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

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Approved by _____ QA/QC Chemist

02-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-16 W (A)

CLIENT ID: LDW-C10-T1
Project Number: 04-08-06-21
Sample Data Filename: PB5C_086 S8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64						
2,3,5,6 - TeCB	65	44 + 47 + 65					
2,3',4,4' - TeCB	66						
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69					
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76					
2,3',4',6 - TeCB	71	40 + 41 + 71					
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76					
2,4,4',6 - TeCB	75	59 + 62 + 75					
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76					
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99	C D B	3000	22.0	1.71	0.886
2,2',3,3',6 - PeCB	84						
2,2',3,4,4' - PeCB	85	85 + 116 + 117					
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C D B	2390	17.7	1.56	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91					
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	9470	18.3	1.59	0.869
2,2',3,4',6 - PeCB	91	88 + 91					
2,2',3,5,5' - PeCB	92						
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C D B	8140	18.9	1.59	1.121
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105						
2,3,3',4,5 - PeCB	106						

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02-03-2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID: LDW-C10-T1

Project Number 04-08-06-21
Sample Data Filename PB5C_086 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150						
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152						
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	27800	117	1 27	0 899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155						
2,3,3',4,4',5 - HxCB	156	156 + 157					
2,3,3',4,4',5' - HxCB	157	156 + 157					
2,3,3',4,4',6 - HxCB	158						
2,3,3',4,5,5' - HxCB	159						
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161						
2,3,3',4',5,5' - HxCB	162						
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164						
2,3,3',5,5',6 - HxCB	165						
2,3,4,4',5,6 - HxCB	166	128 + 166					
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,3',4,4',5 - HpCB	170		D B	5370	3 63	1 06	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173					
2,2',3,3',4,5,5' - HpCB	172						
2,2',3,3',4,5,6 - HpCB	173	171 + 173					
2,2',3,3',4,5,6' - HpCB	174		D B	7610	3 13	1 07	1.133
2,2',3,3',4,5',6 - HpCB	175						
2,2',3,3',4,6,6' - HpCB	176						
2,2',3,3',4',5,6 - HpCB	177		D B	8330	3.31	1.07	1.145
2,2',3,3',5,5',6 - HpCB	178		D	3840	3.05	1 06	1.085
2,2',3,3',5,6,6' - HpCB	179		D B	5160	2 13	1 07	1 010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	20400	2.76	1.07	0 910
2,2',3,4,4',5,6 - HpCB	181						
2,2',3,4,4',5,6' - HpCB	182						
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C D B	7810	2.94	1 07	1 127
2,2',3,4,4',6,6' - HpCB	184						
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186						
2,2',3,4',5,5',6 - HpCB	187		D B	16600	2.77	1.06	1 110
2,2',3,4',5,6,6' - HpCB	188						
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4,4',5,6 - HpCB	190						
2,3,3',4,4',5',6 - HpCB	191						
2,3,3',4,5,5',6 - HpCB	192						

Approved by _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Lab Sample ID L7510-16 W (A)

CLIENT ID: LDW-C10-T1
Project Number 04-08-06-21
Sample Data Filename PB5C_086 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194						
2,2',3,3',4,4',5,6 - OcCB	195						
2,2',3,3',4,4',5,6' - OcCB	196						
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200					
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C D B	4320	0.305	0.92	1.115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200					
2,2',3,3',4,5',6,6' - OcCB	201						
2,2',3,3',5,5',6,6' - OcCB	202						
2,2',3,4,4',5,5',6 - OcCB	203						
2,2',3,4,4',5,6,6' - OcCB	204						
2,3,3',4,4',5,5',6 - OcCB	205						
2,2',3,3',4,4',5,5',6 - NoCB	206						
2,2',3,3',4,4',5,6,6' - NoCB	207						
2,2',3,3',4,5,5',6,6' - NoCB	208						
2,2',3,3',4,4',5,5',6,6' - DeCB	209						

(1) C = co-eluting congener, U = not detected: K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration. E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL. B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by _____ QA/QC Chemist

02-03-2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST, SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C10-T1

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	25-Aug-2004
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21
Contract No.:	4033		**Lab Sample ID:**	L7510-16 (A)
Matrix:	TISSUE		**Sample Size:**	10.2 g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS
Analysis Date:	13-Feb-2005	**Time:** 15:24:30	**GC Column ID:**	SPB-OCTYL
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C_074 S:7
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_077 S:1
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_077 S:8** **PB5C_086 S:8**
Concentration Units :	ng/kg (wet weight basis)			

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		7.93	0.0283
Total Dichloro Biphenyls		321	0.115
Total Trichloro Biphenyls		3950	0.203
Total Tetrachloro Biphenyls		14300	0.558
Total Pentachloro Biphenyls		38300	0.465
Total Hexachloro Biphenyls		115000	25.2
Total Heptachloro Biphenyls		83400	1.11
Total Octachloro Biphenyls		12800	0.957
Total Nonachloro Biphenyls		332	0.102
Decachloro Biphenyl		6.30	0.0172
TOTAL PCBs		269000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

4743PCBTOTAL ... S13

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02-03-2005
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CLIENT ID:
LDW-C10-T1

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	L7510-16 (A)
Sample Size:	10 2 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	Sample Datafile(s):	PB5C_077 S:8 PB5C_086 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			78 7	0.524	0.0001	7.87E-03	7.87E-03
3,4,4',5-TetraCB	81		U		0.479	0.0001	2.39E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			1010	0 421	0.0001	1.01E-01	1.01E-01
2,3,4,4',5-PentaCB	114			52.0	0.413	0.0005	2.60E-02	2.60E-02
2,3',4,4',5-PentaCB	118			3450	53.7	0.0001	3.45E-01	3.45E-01
2',3,4,4',5-PentaCB	123			52.6	0.445	0.0001	5.26E-03	5.26E-03
3,3',4,4',5-PentaCB	126			9.11	0.424	0.1	9.11E-01	9.11E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	984	0.364	0.0005	4.92E-01	4 92E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			581	0.285	0.00001	5.81E-03	5.81E-03
3,3',4,4',5,5'-HexaCB	169		U		25.2	0.01	1 26E-01	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			160	1.11	0.0001	1.60E-02	1.60E-02

TOTAL TEQ	2.04	1.91

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTEQ_1 v.s. S12 (TEQ

Approved by. [signature] QA/QC Chemist

02-03-2005
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Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C10-T1
(DUPLICATE)

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04 08 06 21
Matrix:	TISSUE	Lab Sample ID:	WG14743-103 (DUP L7510-16)
Sample Receipt Date:	17-Dec-2004	Sample Size:	10.3 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	13-Feb-2005 Time: 16:28.44	Instrument ID:	HR GC/MS
Extract Volume (µL):	20	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1 0	Sample Data Filename:	PB5C_077 S:9
Dilution Factor:	N/A	Blank Data Filename:	PB5C_074 S:7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_077 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1		B	5.63	0.0379	3.21	1.000
3 - MoCB	2		JB	1.07	0.0408	3.39	0.988
4 - MoCB	3		B	2.76	0.0446	3.28	1.001
2,2' - DiCB	4		B	56.2	0 171	1.48	1.002
2,3 - DiCB	5		J	0.955	0 133	1.57	1.198
2,3' - DiCB	6		B	67.1	0.125	1.50	1.176
2,4 - DiCB	7			4 04	0.124	1.44	1.158
2,4' - DiCB	8		B	102	0.119	1.51	1.208
2,5 - DiCB	9			6.44	0.124	1 52	1.146
2,6 - DiCB	10			2.54	0 121	1 49	1 014
3,3' - DiCB	11		B	12.7	0 140	1 51	0 969
3,4 - DiCB	12	12 + 13	C	20.7	0 139	1 50	0.984
3,4' - DiCB	13	12 + 13	C12				
3,5 - DiCB	14		U		0.134		
4,4' - DiCB	15		B	70 7	0 151	1.50	1.002
2,2',3 - TriCB	16		B	82.2	0.0546	1.07	1.166
2,2',4 - TriCB	17		B	208	0.0509	1.06	1.139
2,2',5 - TriCB	18	18 + 30	C B	410	0.0419	1.06	1.113
2,2',6 - TriCB	19		B	82 4	0.0624	1.07	1.001
2,3,3' - TriCB	20	20 + 28	C B	825	0.196	1.00	0 848

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID WG14743-103

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number: 04-08-06-21
Sample Data Filename: PB5C_077 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33	C B	185	0.202	1.00	0 857
2,3,4' - TriCB	22		B	182	0.219	1 00	0 872
2,3,5 - TriCB	23		J	0 375	0 204	0 98	1 283
2,3,6 - TriCB	24			3.65	0 0357	1.05	1.159
2,3',4 - TriCB	25		B	231	0.178	1.00	0.825
2,3',5 - TriCB	26	26 + 29	C B	556	0.202	1.00	1.302
2,3',6 - TriCB	27		B	109	0.0355	1 07	1.152
2,4,4' - TriCB	28	20 + 28	C20				
2,4,5 - TriCB	29	26 + 29	C26				
2,4,6 - TriCB	30	18 + 30	C18				
2,4',5 - TriCB	31		B	657	0.199	1 00	0 837
2,4',6 - TriCB	32		B	195	0 186	1.00	1.197
2',3,4 - TriCB	33	21 + 33	C21				
2',3,5 - TriCB	34			6.03	0.203	1.00	1 275
3,3',4 - TriCB	35			8.30	0.246	1 07	0.985
3,3',5 - TriCB	36		KJ	0.996	0.202	1.35	0.931
3,4,4' - TriCB	37		B	143	0.221	1.02	1.001
3,4,5 - TriCB	38		K	2.72	0.219	1.29	0.969
3,4',5 - TriCB	39			7.54	0.210	0.99	0.947
2,2',3,3' - TeCB	40	40 + 41 + 71	C B	624	0.0646	0.79	1.338
2,2',3,4 - TeCB	41	40 + 41 + 71	C40				
2,2',3,4' - TeCB	42		B	337	0.0670	0.79	1.313
2,2',3,5 - TeCB	43		B	45.8	0.0704	0.79	1.248
2,2',3,5' - TeCB	44	44 + 47 + 65	C B	1610	0.0583	0.80	1.287
2,2',3,6 - TeCB	45	45 + 51	C B	200	0.0594	0.79	1.148
2,2',3,6' - TeCB	46			53.1	0.0709	0.81	1 162
2,2',4,4' - TeCB	47	44 + 47 + 65	C44				
2,2',4,5 - TeCB	48		B	180	0.0626	0.79	1.275
2,2',4,5' - TeCB	49	49 + 69	C B	1550	0.0549	0.80	1.261
2,2',4,6 - TeCB	50	50 + 53	C B	293	0.0573	0.79	1.111
2,2',4,6' - TeCB	51	45 + 51	C45				
2,2',5,5' - TeCB	52		E				
2,2',5,6' - TeCB	53	50 + 53	C50				
2,2',6,6' - TeCB	54			7 64	0.0526	0.77	1 002
2,3,3',4 - TeCB	55			18.6	0 470	0 81	0.889
2,3,3',4' - TeCB	56		B	488	0 475	0.76	0.904
2,3,3',5 - TeCB	57			26.5	0 452	0.77	0.844
2,3,3',5' - TeCB	58			14.3	0.449	0.74	0.851
2,3,3',6 - TeCB	59	59 + 62 + 75	C B	190	0.0493	0.79	1 303
2,3,4,4' - TeCB	60		B	216	0 462	0 76	0 911
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76	C B	2120	0 433	0 75	0.875
2,3,4,6 - TeCB	62	59 + 62 + 75	C59				
2,3,4',5 - TeCB	63			58.5	0 452	0.76	0.864

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AXYS METHOD MLA-010 Rev 05
Form 1A
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Lab Sample ID WG14743-103

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number 04-08-06-21
Sample Data Filename PB5C_077 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,4',6 - TeCB	64		B	466	0.0476	0 79	1 350
2,3,5,6 - TeCB	65	44 + 47 + 65	C44				
2,3',4,4' - TeCB	66		B	1440	0 436	0 76	0 834
2,3',4,5 - TeCB	67			65 0	0 421	0 75	0 857
2,3',4,5' - TeCB	68			39 4	0 426	0 75	0 831
2,3',4,6 - TeCB	69	49 + 69	C49				
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6 - TeCB	71	40 + 41 + 71	C40				
2,3',5,5' - TeCB	72			75 4	0.423	0.75	0.822
2,3',5',6 - TeCB	73		U		0.0468		
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76	C61				
2,4,4',6 - TeCB	75	59 + 62 + 75	C59				
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76	C61				
3,3',4,4' - TeCB	77		B	75.0	0.444	0.76	1.000
3,3',4,5 - TeCB	78		U		0.486		
3,3',4,5' - TeCB	79			41 4	0.402	0.85	0.970
3,3',5,5' - TeCB	80		U		0.441		
3,4,4',5 - TeCB	81		K	4.09	0.415	0.76	1.001
2,2',3,3',4 - PeCB	82			268	0.254	1.59	0.933
2,2',3,3',5 - PeCB	83	83 + 99	C B	2710	0.238	1.58	0.885
2,2',3,3',6 - PeCB	84		B	795	0.263	1.59	1.163
2,2',3,4,4' - PeCB	85	85 + 116 + 117	C B	542	0.195	1.58	0.919
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	2360	0 199	1.57	0.901
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6 - PeCB	88	88 + 91	C B	553	0.227	1 59	1.155
2,2',3,4,6' - PeCB	89			23.6	0.248	1.56	1.183
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6 - PeCB	91	88 + 91	C88				
2,2',3,5,5' - PeCB	92		B	2110	0.239	1.58	0.853
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C E				
2,2',3,5,6' - PeCB	94			18.8	0.227	1 62	1 103
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96			19.0	0.0630	1 62	1.015
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99	C83				
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103			74.5	0.198	1.58	1 094
2,2',4,6,6' - PeCB	104		J	1 33	0.0670	1.61	1.001
2,3,3',4,4' - PeCB	105		B	056	0.380	1.52	1 001
2,3,3',4,5 - PeCB	106		U		0.382		

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AXYS METHOD MLA-010 Rev 05
Form 1A
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Lab Sample ID WG14743-103

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number. 04-08-06-21
Sample Data Filename. PB5C_077 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5 - PeCB	107	107 + 124	C	138	0.379	1.53	0.991
2,3,3',4,5' - PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6 - PeCB	109			258	0.356	1.51	0.997
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5,5' - PeCB	111			6.13	0.170	1.55	0.945
2,3,3',5,6 - PeCB	112		U		0.171		
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114			52.7	0.378	1.54	1.001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3,4,5,6 - PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6 - PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5 - PeCB	118		E				
2,3',4,4',6 - PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5' - PeCB	120			33.3	0.170	1.60	0.959
2,3',4,5',6 - PeCB	121		J	1.82	0.176	1.32	1.201
2',3,3',4,5 - PeCB	122			40.4	0.423	1.52	1.010
2',3,4,4',5 - PeCB	123			51.1	0.383	1.53	1.001
2',3,4,5,5' - PeCB	124	107 + 124	C107				
2',3,4,5,6' - PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5 - PeCB	126			8.17	0.413	1.44	1.000
3,3',4,5,5' - PeCB	127			7.34	0.420	1.59	1.042
2,2',3,3',4,4' - HxCB	128	128 + 166	C B	1300	0.344	1.27	0.958
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,3',4,5' - HxCB	130			924	0.427	1.27	0.913
2,2',3,3',4,6 - HxCB	131			97.3	0.376	1.32	1.159
2,2',3,3',4,6' - HxCB	132		B	4830	0.381	1.27	1.174
2,2',3,3',5,5' - HxCB	133			414	0.377	1.28	1.191
2,2',3,3',5,6 - HxCB	134	134 + 143	C	866	0.380	1.29	1.139
2,2',3,3',5,6' - HxCB	135	135 + 151 + 154	C E				
2,2',3,3',6,6' - HxCB	136		B	2810	0.0732	1.28	1.023
2,2',3,4,4',5 - HxCB	137			251	0.389	1.29	0.918
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6 - HxCB	139	139 + 140	C K	94.2	0.348	1.43	1.153
2,2',3,4,4',6' - HxCB	140	139 + 140	C139				
2,2',3,4,5,5' - HxCB	141		B	4240	0.381	1.27	0.903
2,2',3,4,5,6 - HxCB	142		U		0.386		
2,2',3,4,5,6' - HxCB	143	134 + 143	C134				
2,2',3,4,5',6 - HxCB	144			1230	0.0974	1.28	1.121
2,2',3,4,6,6' - HxCB	145		J	1.41	0.0746	1.22	1.033
2,2',3,4',5,5' - HxCB	146		B	4280	0.346	1.27	0.884
2,2',3,4',5,6 - HxCB	147	147 + 149	C E				
2,2',3,4',5,6' - HxCB	148			19.0	0.100	1.28	1.084
2,2',3,4',5',6 - HxCB	149	147 + 149	C147				

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AXYS METHOD MLA-010 Rev 05
Form 1A
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Lab Sample ID WG14743-103

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number. 04-08-06-21
Sample Data Filename. PB5C_077 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150			10 6	0 0707	1.26	1.012
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152			3 77	0 0708	1.25	1 007
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155		J	0 669	0 0708	1.06	1 001
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	954	0.368	1.26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,4',6 - HxCB	158		B	1850	0.279	1.26	0.938
2,3,3',4,5,5' - HxCB	159		U		0.302		
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161		U		0.284		
2,3,3',4',5,5' - HxCB	162			35.3	0.301	1.23	0.989
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164		B	1830	0.298	1.28	0.921
2,3,3',5,5',6 - HxCB	165			6.10	0.310	1.14	0.878
2,3,4,4',5,6 - HxCB	166	128 + 166	C128				
2,3',4,4',5,5' - HxCB	167		B	562	0.286	1.28	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		24.4		
2,2',3,3',4,4',5 - HpCB	170		E				
2,2',3,3',4,4',6 - HpCB	171	171 + 173	C	2790	0.352	1.07	1.163
2,2',3,3',4,5,5' - HpCB	172			972	0.363	1.07	0.897
2,2',3,3',4,5,6 - HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6' - HpCB	174		E				
2,2',3,3',4,5',6 - HpCB	175			511	0.305	1.06	1.103
2,2',3,3',4,6,6' - HpCB	176			1220	0.233	1.06	1.034
2,2',3,3',4',5,6 - HpCB	177		E				
2,2',3,3',5,5',6 - HpCB	178			3550	0.317	1.06	1 085
2,2',3,3',5,6,6' - HpCB	179		E				
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,2',3,4,4',5,6 - HpCB	181			23.2	0 318	1 08	1 157
2,2',3,4,4',5,6' - HpCB	182			31.1	0.314	1 07	1 116
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C E				
2,2',3,4,4',6,6' - HpCB	184		J	1 77	0.211	0.95	1.025
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186		U		0.233		
2,2',3,4',5,5',6 - HpCB	187		E				
2,2',3,4',5,6,6' - HpCB	188			5.06	0.229	1.05	1.001
2,3,3',4,4',5,5' - HpCB	189			157	1.00	0.96	1.001
2,3,3',4,4',5,6 - HpCB	190		B	1610	0.285	1.06	0.947
2,3,3',4,4',5',6 - HpCB	191			424	0.275	1.06	0.918
2,3,3',4,5,5',6 - HpCB	192		U		0 287		

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 6 of 6
Lab Sample ID WG14743-103

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number 04-08-06-21
Sample Data Filename PB5C_077 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194		B	1740	1 05	0.90	0 991
2,2',3,3',4,4',5,6 - OcCB	195		B	919	1.16	0.90	0.946
2,2',3,3',4,4',5,6' - OcCB	196		B	1870	0.0494	0.93	0.916
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200	C	356	0.0341	0 93	1.046
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C E				
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6' - OcCB	201		B	628	0.0345	0.94	1 023
2,2',3,3',5,5',6,6' - OcCB	202		B	1330	0.0426	0.94	1 000
2,2',3,4,4',5,5',6 - OcCB	203		B	1520	0.0465	0.93	0.920
2,2',3,4,4',5,6,6' - OcCB	204		JB	0.263	0.0353	1.00	1.039
2,3,3',4,4',5,5',6 - OcCB	205		B	100	0.603	0.90	1.001
2,2',3,3',4,4',5,5',6 - NoCB	206		B	254	0.0931	0.79	1.000
2,2',3,3',4,4',5,6,6' - NoCB	207			36.4	0.0784	0.77	1.020
2,2',3,3',4,5,5',6,6' - NoCB	208		B	49 0	0.0869	0.78	1.001
2,2',3,3',4,4',5,5',6,6' - DeCB	209		B	6.75	0.0114	0.69	1.000

(1) C = co-eluting congener. U = not detected, K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested; J = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743AD4_1.xls S3

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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-581

Form 1A
PCB CONGENER ANALYSIS REPORT

CLIENT ID:
LDW-C10-T1
(DUPLICATE)

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No..	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	WG14743-103 W (DUP L7510-16)
Sample Receipt Date:	17-Dec-2004	Sample Size:	10.3 g (wet)
Extraction Date:	27-Jan-2005	Initial Calibration Date:	04-Feb-2005
Analysis Date:	18-Feb-2005 Time: 4:44:40	Instrument ID:	HR GC/MS
Extract Volume (µL):	500	GC Column ID:	SPB-OCTYL
Injection Volume (µL):	1.0	Sample Data Filename:	**PB5C_086 S:9**
Dilution Factor:	25	Blank Data Filename:	PB5C_074 S 7
Concentration Units :	ng/kg (wet weight basis)	Cal. Ver. Data Filename:	PB5C_086 S:1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2 - MoCB	1						
3 - MoCB	2						
4 - MoCB	3						
2,2' - DiCB	4						
2,3 - DiCB	5						
2,3' - DiCB	6						
2,4 - DiCB	7						
2,4' - DiCB	8						
2,5 - DiCB	9						
2,6 - DiCB	10						
3,3' - DiCB	11						
3,4 - DiCB	12	12 + 13					
3,4' - DiCB	13	12 + 13					
3,5 - DiCB	14						
4,4' - DiCB	15						
2,2',3 - TriCB	16						
2,2',4 - TriCB	17						
2,2',5 - TriCB	18	18 + 30					
2,2',6 - TriCB	19						
2,3,3' - TriCB	20	20 + 28					

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 2 of 6
Lab Sample ID WG14743-103 W

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number 04-08-06-21
Sample Data Filename PB5C_086 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4 - TriCB	21	21 + 33					
2,3,4' - TriCB	22						
2,3,5 - TriCB	23						
2,3,6 - TriCB	24						
2,3',4 - TriCB	25						
2,3',5 - TriCB	26	26 + 29					
2,3',6 - TriCB	27						
2,4,4' - TriCB	28	20 + 28					
2,4,5 - TriCB	29	26 + 29					
2,4,6 - TriCB	30	18 + 30					
2,4',5 - TriCB	31						
2,4',6 - TriCB	32						
2',3,4 - TriCB	33	21 + 33					
2',3,5 - TriCB	34						
3,3',4 - TriCB	35						
3,3',5 - TriCB	36						
3,4,4' - TriCB	37						
3,4,5 - TriCB	38						
3,4',5 - TriCB	39						
2,2',3,3' - TeCB	40	40 + 41 + 71					
2,2',3,4 - TeCB	41	40 + 41 + 71					
2,2',3,4' - TeCB	42						
2,2',3,5 - TeCB	43						
2,2',3,5' - TeCB	44	44 + 47 + 65					
2,2',3,6 - TeCB	45	45 + 51					
2,2',3,6' - TeCB	46						
2,2',4,4' - TeCB	47	44 + 47 + 65					
2,2',4,5 - TeCB	48						
2,2',4,5' - TeCB	49	49 + 69					
2,2',4,6 - TeCB	50	50 + 53					
2,2',4,6' - TeCB	51	45 + 51					
2,2',5,5' - TeCB	52		D B	3510	0.877	0.79	1.236
2,2',5,6' - TeCB	53	50 + 53					
2,2',6,6' - TeCB	54						
2,3,3',4 - TeCB	55						
2,3,3',4' - TeCB	56						
2,3,3',5 - TeCB	57						
2,3,3',5' - TeCB	58						
2,3,3',6 - TeCB	59	59 + 62 + 75					
2,3,4,4' - TeCB	60						
2,3,4,5 - TeCB	61	61 + 70 + 74 + 76					
2,3,4,6 - TeCB	62	59 + 62 + 75					
2,3,4',5 - TeCB	63						

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 3 of 6
Lab Sample ID [illegible]G14743-103 W

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number 04-08-06-21
Sample Data Filename: PB5C_086 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3,4',6 - TeCB	64						
2,3,5,6 - TeCB	65	44 + 47 + 65					
2,3',4,4' - TeCB	66						
2,3',4,5 - TeCB	67						
2,3',4,5' - TeCB	68						
2,3',4,6 - TeCB	69	49 + 69					
2,3',4',5 - TeCB	70	61 + 70 + 74 + 76					
2,3',4',6 - TeCB	71	40 + 41 + 71					
2,3',5,5' - TeCB	72						
2,3',5',6 - TeCB	73						
2,4,4',5 - TeCB	74	61 + 70 + 74 + 76					
2,4,4',6 - TeCB	75	59 + 62 + 75					
2',3,4,5 - TeCB	76	61 + 70 + 74 + 76					
3,3',4,4' - TeCB	77						
3,3',4,5 - TeCB	78						
3,3',4,5' - TeCB	79						
3,3',5,5' - TeCB	80						
3,4,4',5 - TeCB	81						
2,2',3,3',4 - PeCB	82						
2,2',3,3',5 - PeCB	83	83 + 99					
2,2',3,3',6 - PeCB	84						
2,2',3,4,4' - PeCB	85	85 + 116 + 117					
2,2',3,4,5 - PeCB	86	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,5' - PeCB	87	86 + 87 + 97 + 108 + 119 + 125					
2,2',3,4,6 - PeCB	88	88 + 91					
2,2',3,4,6' - PeCB	89						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	9180	12 4	1.58	0 869
2,2',3,4',6 - PeCB	91	88 + 91					
2,2',3,5,5' - PeCB	92						
2,2',3,5,6 - PeCB	93	93 + 95 + 98 + 100 + 102	C D B	7850	12.8	1 59	1 121
2,2',3,5,6' - PeCB	94						
2,2',3,5',6 - PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6' - PeCB	96						
2,2',3',4,5 - PeCB	97	86 + 87 + 97 + 108 + 119 + 125					
2,2',3',4,6 - PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5 - PeCB	99	83 + 99					
2,2',4,4',6 - PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6' - PeCB	102	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5',6 - PeCB	103						
2,2',4,6,6' - PeCB	104						
2,3,3',4,4' - PeCB	105						
2,3,3',4,5 - PeCB	106						

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
Form 1A
Page 5 of 6
Lab Sample ID WG14743-103 W

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number 04-08-06-21
Sample Data Filename. PB5C_086 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,2',3,4',6,6' - HxCB	150						
2,2',3,5,5',6 - HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6' - HxCB	152						
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	26600	124	1 27	0 899
2,2',4,4',5,6' - HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6' - HxCB	155						
2,3,3',4,4',5 - HxCB	156	156 + 157					
2,3,3',4,4',5' - HxCB	157	156 + 157					
2,3,3',4,4',6 - HxCB	158						
2,3,3',4,5,5' - HxCB	159						
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6 - HxCB	161						
2,3,3',4',5,5' - HxCB	162						
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6 - HxCB	164						
2,3,3',5,5',6 - HxCB	165						
2,3,4,4',5,6 - HxCB	166	128 + 166					
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,3',4,4',5 - HpCB	170		D B	5400	4.08	1.06	0.936
2,2',3,3',4,4',6 - HpCB	171	171 + 173					
2,2',3,3',4,5,5' - HpCB	172						
2,2',3,3',4,5,6 - HpCB	173	171 + 173					
2,2',3,3',4,5,6' - HpCB	174		D B	7260	3.51	1 06	1.133
2,2',3,3',4,5',6 - HpCB	175						
2,2',3,3',4,6,6' - HpCB	176						
2,2',3,3',4',5,6 - HpCB	177		D B	7930	3.72	1.08	1 145
2,2',3,3',5,5',6 - HpCB	178						
2,2',3,3',5,6,6' - HpCB	179		D B	5150	2.39	1 07	1.010
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	20000	3 10	1.06	0 911
2,2',3,4,4',5,6 - HpCB	181						
2,2',3,4,4',5,6' - HpCB	182						
2,2',3,4,4',5',6 - HpCB	183	183 + 185	C D B	7840	3 30	1.06	1.127
2,2',3,4,4',6,6' - HpCB	184						
2,2',3,4,5,5',6 - HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6' - HpCB	186						
2,2',3,4',5,5',6 - HpCB	187		D B	16400	3 11	1.06	1.110
2,2',3,4',5,6,6' - HpCB	188						
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4,4',5,6 - HpCB	190						
2,3,3',4,4',5',6 - HpCB	191						
2,3,3',4,5,5',6 - HpCB	192						

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AXYS METHOD MLA-010 Rev 05
Form 1A
Page 6 of 6
Lab Sample ID WG14743-103 W

CLIENT ID: LDW-C10-T1 (DUPLICATE)
Project Number 04-08-06-21
Sample Data Filename PB5C_086 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC FOUND	DETECTION LIMIT	ION ABUND RATIO	RRT
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5' - OcCB	194						
2,2',3,3',4,4',5,6 - OcCB	195						
2,2',3,3',4,4',5,6' - OcCB	196						
2,2',3,3',4,4',6,6' - OcCB	197	197 + 200					
2,2',3,3',4,5,5',6 - OcCB	198	198 + 199	C D B	4540	0 293	0 92	1 115
2,2',3,3',4,5,5',6' - OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6' - OcCB	200	197 + 200					
2,2',3,3',4,5',6,6' - OcCB	201						
2,2',3,3',5,5',6,6' - OcCB	202						
2,2',3,4,4',5,5',6 - OcCB	203						
2,2',3,4,4',5,6,6' - OcCB	204						
2,3,3',4,4',5,5',6 - OcCB	205						
2,2',3,3',4,4',5,5',6 - NoCB	206						
2,2',3,3',4,4',5,6,6' - NoCB	207						
2,2',3,3',4,5,5',6,6' - NoCB	208						
2,2',3,3',4,4',5,5',6,6' - DeCB	209						

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration, E = exceeds calibrated linear range, see dilution data; D = dilution data; Z = compound not requested, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743AD7_1.xls S5 Approved by _____ QA/QC Chemist 02-03-2005 dd-mm-yyyy

CLIENT ID:
LDW-C10-T1
(DUPLICATE)

Form 1A
HOMOLOGUE TOTAL POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS REPORT

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	WG14743-103 (DUP L7510-16)	
Matrix:	TISSUE		**Sample Size:**	10.3	g (wet)
Sample Receipt Date:	17-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	27-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	13-Feb-2005	**Time:** 16:28:44	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Blank Data Filename:**	PB5C 074 S:7	
Injection Volume (µL):	1.0		**Cal. Ver. Data Filename:**	PB5C_077 S:1	
Dilution Factor:	N/A		**Sample Datafile(s):**	**PB5C_077 S:9** **PB5C_086 S:9**	
Concentration Units :	ng/kg (wet weight basis)				

PCB HOMOLOGUE GROUP	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT
Total Monochloro Biphenyls		9.46	0.0446
Total Dichloro Biphenyls		343	0.171
Total Trichloro Biphenyls		3890	0.246
Total Tetrachloro Biphenyls		13700	0.486
Total Pentachloro Biphenyls		36800	0.423
Total Hexachloro Biphenyls		111000	24.4
Total Heptachloro Biphenyls		81300	1.00
Total Octachloro Biphenyls		13000	1.16
Total Nonachloro Biphenyls		339	0.0931
Decachloro Biphenyl		6.75	0.0114
TOTAL PCBs		260000	

(1) U = Not detected
(2) All header information pertains to the initial instrumental analysis of the sample extract.
Additional sample datafiles listed refer to secondary analysis of the sample extract.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTOTAL 1.xls S4

Approved by: _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

03

CLIENT ID:
LDW-C10-T1
(DUPLICATE)

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	TISSUE	Lab Sample ID:	WG14743-103 (DUP L7510-16)
Sample Size:	10 3 g (wet)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (wet weight basis)	Sample Datafile(s):	PB5C_077 S:9 PB5C_086 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			75.0	0 444	0.0001	7 50E-03	7.50E-03
3,4,4',5-TetraCB	81		U		0.415	0.0001	2.08E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			956	0.360	0.0001	9 56E-02	9.56E-02
2,3,4,4',5-PentaCB	114			52.7	0.378	0 0005	2.63E-02	2.63E-02
2,3',4,4',5-PentaCB	118			3300	43.8	0.0001	3.30E-01	3.30E-01
2',3,4,4',5-PentaCB	123			51.1	0.383	0.0001	5.11E-03	5 11E-03
3,3',4,4',5-PentaCB	126			8 17	0.413	0.1	8 17E-01	8.17E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	954	0.368	0.0005	4.77E-01	4.77E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			562	0.286	0 00001	5.62E-03	5.62E-03
3,3',4,4',5,5'-HexaCB	169		U		24 4	0.01	1.22E-01	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			157	1 00	0 0001	1 57E-02	1 57E-02
						TOTAL TEQ	1.90	1.78

(1) C = co-eluting congener. U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14743PCBTEQ_1 [illegible] TEQ

Approved by _____ QA/QC Chemist

02-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Attachment E-3: Sediment Chemistry

AXYS METHOD MLA-010 Rev 05

16684 S1 -09 2

CLIENT ID:
LDW-B1b-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	10-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04-08-06-21	
Contract No.:	4033		Lab Sample ID:	L7505-1	
Matrix:	SOLID		Sample Size:	10.6	g (dry)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	25-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	08-Feb-2005	Time: 22:19:45	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	20		Sample Data Filename:	PB5C_068 S:4	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_067 S:5	
Dilution Factor:	N/A		Cal. Ver. Data Filename:	PB5C_068 S:1	
Concentration Units :	ng/kg (dry weight basis)		% Moisture:	23	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	759	0.477	0.76	0.884
3,3',4,4' - TeCB	77		B	69.5	0 442	0.74	1.000
3,4,4',5 - TeCB	81		K	3.34	0.428	0.66	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	1820	0.206	1.58	0.870
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	513	0.361	1.51	1.001
2,3,3',4',6 - PeCB	110	110 + 115	C B	1720	0 171	1 58	0.925
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	24.8	0 365	1.52	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		B	1250	0.302	1 51	1.001
2',3,4,4',5 - PeCB	123		B	18.2	0.383	1.51	1 001
3,3',4,4',5 - PeCB	126		B	2.94	0.388	1.59	1 000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	3100	1.28	1.25	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	3170	1 17	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	266	1 26	1.25	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			91 3	0.992	1.25	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		4.01		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	2760	0.0381	1 05	0 911
2,3,3',4,4',5,5' - HpCB	189			33 9	0.274	0 99	1 000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported seperately

14745AD2 1 xls S2

Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B1b-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	10-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-1
Sample Size:	10.6 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_068 S:4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			69.5	0.442	0.0001	6.95E-03	6.95E-03
3,4,4',5-TetraCB	81		U		0.428	0.0001	2.14E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			513	0.361	0.0001	5.13E-02	5.13E-02
2,3,4,4',5-PentaCB	114			24.8	0.365	0.0005	1.24E-02	1.24E-02
2,3',4,4',5-PentaCB	118			1250	0.362	0.0001	1.25E-01	1.25E-01
2',3,4,4',5-PentaCB	123			18.2	0.383	0.0001	1.82E-03	1.82E-03
3,3',4,4',5-PentaCB	126			2.94	0.388	0.1	2.94E-01	2.94E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	266	1.26	0.0005	1.33E-01	1.33E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			91.3	0.992	0.00001	9.13E-04	9.13E-04
3,3',4,4',5,5'-HexaCB	169		U		4.01	0.01	2.01E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			33.9	0.274	0.0001	3.39E-03	3.39E-03
						TOTAL TEQ	0.649	0.628

(1) C = co-eluting congener: U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by: _____ QA/QC Chemist

05/03/2005
dd-mm-yyyy

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AXYS METHOD MLA-010 Rev 05

1668A-S1 209 2

CLIENT ID: LDW-B1b-S (DUPLICATE)

Form 1A
PCB CONGENER ANALYSIS REPORT

		Sample Collection:	10-Aug-2004
Lab Name: AXYS ANALYTICAL SERVICES		**Project Number:**	04-08-06-21
Contract No.:	4033	**Lab Sample ID:**	WG14745-104 (DUP L7505-1)
Matrix:	SOLID	**Sample Size:**	10 4 g (dry)
Sample Receipt Date:	16-Dec-2004	**Initial Calibration Date:**	04-Feb-2005
Extraction Date:	25-Jan-2005	**Instrument ID:**	HR GC/MS
Analysis Date:	08-Feb-2005 **Time:** 16:51:57	**GC Column ID:**	SPB-OCTYL
Extract Volume (µL):	20	**Sample Data Filename:**	**PB5C_067 S:10**
Injection Volume (µL):	1 0	**Blank Data Filename:**	PB5C_067 S:5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB5C_067 S:1
Concentration Units :	ng/kg (dry weight basis)	**% Moisture:**	23

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	604	0.315	0.77	0.884
3.3',4.4' - TeCB	77		B	59.2	0.310	0 76	1.000
3,4,4',5 - TeCB	81		K	2.62	0.297	0.74	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	1050	0.186	1.56	1 238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	363	1.02	1.51	1.001
2,3,3',4',6 - PeCB	110	110 + 115	C B	1110	0.153	1.57	1.316
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	18 1	1.00	1.56	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		B	874	0.979	1.51	1.001
2',3,4,4',5 - PeCB	123		B	16.5	1 02	1.53	1.001
3,3',4,4',5 - PeCB	126		B	2.20	1 07	1.58	1 000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	1400	0.871	1.26	0 928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	1210	0 800	1.25	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	142	0.862	1.25	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			49.2	0.674	1.25	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		1 14		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	783	0.0275	1.05	0.911
2,3,3',4,4',5,5' - HpCB	189			12.6	0.160	0.96	1.000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener U = not detected. K = peak detected. but did not meet quantification criteria: E = exceeds calibrated linear range. see dilution data. D = dilution data J = concentration less than LMCL. B = analyte found in sample and the associated blank. X = results reported separately

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Approved by _____ QA/QC Chemist

05/03/2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05
PCB-TEQ-Dt_14
Page 1 of 1

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

CLIENT ID:
LDW-B1b-S
(DUPLICATE)

Lab Name: AXYS ANALYTICAL SERVICES

Contract No.: 4033

Matrix: SOLID

Sample Size: 10 4 g (dry)

Concentration Units : ng/kg (dry weight basis)

Sample Collection: 10-Aug-2004

Project Number: 04-08-06-21

Lab Sample ID: WG14745-104
(DUP L7505-1)

GC Column ID(s): SPB-OCTYL

Sample Datafile(s): PB5C_067 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			59.2	0 310	0.0001	5.92E-03	5.92E-03
3,4,4',5-TetraCB	81		U		0.297	0.0001	1.48E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			363	1 02	0.0001	3.63E 02	3.63E 02
2,3,4,4',5-PentaCB	114			18.1	1.00	0.0005	9.07E-03	9.07E-03
2,3',4,4',5-PentaCB	118			874	0.979	0.0001	8.74E-02	8.74E-02
2',3,4,4',5-PentaCB	123			16.5	1.02	0.0001	1.65E-03	1.65E-03
3,3',4,4',5-PentaCB	126			2.20	1.07	0 1	2.20E-01	2.20E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	142	0.862	0 0005	7 08E-02	7 08E-02
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			49.2	0.674	0 00001	4.92E-04	4.92E-04
3,3',4,4',5,5'-HexaCB	169		U		1.14	0.01	5 71E-03	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			12.6	0.160	0.0001	1.26E-03	1.26E-03
						TOTAL TEQ	0.438	0.433

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

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Approved by _____ QA/QC Chemist

07-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 209 r

CLIENT ID:
LDW-B2a-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	14-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-2	
Matrix:	SOLID		**Sample Size:**	10 1	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	08-Feb-2005	**Time:** 23:23:57	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_068 S:5**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_068 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	50	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	2540	0.794	0.75	0.884
3,3',4,4' - TeCB	77		B	268	0 723	0.76	1.000
3,4,4',5 - TeCB	81		K	8.18	0 692	0.76	1 001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	1450	0.405	1.53	1.000
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	64.8	0 415	1 51	1.001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		B	66 6	0 400	1 50	1.001
3,3',4,4',5 - PeCB	126		KB	13.9	0.426	1 27	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	4950	0.724	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	591	0.765	1.26	1 000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			217	0.614	1.25	1.001
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		3.37		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	2860	0.0824	1.05	0.910
2,3,3',4,4',5,5' - HpCB	189			54 4	0.361	0 98	1 000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

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Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

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AXYS METHOD MLA-010 Rev 0.0
1668A-S1.209.2

CLIENT ID:
LDW-B2a-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	14-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-2 W	
Matrix:	SOLID		**Sample Size:**	10.1	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	22-Feb-2005	**Time:** 15.40:35	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	100		**Sample Data Filename:**	**PB5C_095 S:9**	
Injection Volume (µL):	1.0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	5		**Cal. Ver. Data Filename:**	PB5C_095 S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66						
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	4550	1.49	1.57	1.238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	5160	1.30	1.59	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	4180	7.17	1.53	1.000
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	6180	10.3	1.26	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C				
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C				
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; A = results reported separately

14745AD6_1.xls S3

Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

CLIENT ID:
LDW-B2a-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	14-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-2
Sample Size:	10 1 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_068 S:5 PB5C_095 S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			268	0.723	0.0001	2.68E-02	2.68E-02
3,4,4',5-TetraCB	81		U		0.692	0.0001	3 46E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			1450	0.405	0.0001	1 45E-01	1.45E-01
2,3,4,4',5-PentaCB	114			64.8	0.415	0.0005	3.24E-02	3.24E-02
2,3',4,4',5-PentaCB	118			4180	7.17	0.0001	4.18E-01	4.18E-01
2',3,4,4',5-PentaCB	123			66.6	0.400	0 0001	6.66E-03	6.66E-03
3,3',4,4',5-PentaCB	126		U		0.426	0.1	2.13E-02	0.00E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	591	0 765	0.0005	2.95E-01	2.95E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			217	0.614	0 00001	2.17E-03	2.17E-03
3,3',4,4',5,5'-HexaCB	169		U		3.37	0.01	1.69E-02	0 00E+00
2,3,3',4,4',5,5'-HeptaCB	189			54 4	0 361	0 0001	5 44E-03	5 44E-03
						TOTAL TEQ	0 970	0.932

(1) C = co-eluting congener. U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations

These pages are part of a larger report that may contain information necessary for full data evaluation

14745PCBTEQ1 ... S61TEQ1

Approved by. _[signature]_ QA/QC Chemist

07-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD. WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1_209_2

CLIENT ID:
LDW-B3b-S

Form 1A

PCB CONGENER ANALYSIS REPORT

			Sample Collection:	10-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 08 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-3	
Matrix:	SOLID		**Sample Size:**	9.89	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 0:28:10	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_068 S:6**	
Injection Volume (µL):	1.0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_068 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	40	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		E				
3,3',4,4' - TeCB	77		B	678	2.46	0.76	1.000
3,4,4',5 - TeCB	81		K	27.7	2.36	0.72	1 001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		E				
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	229	12.4	1.56	1 000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		B	234	12.5	1.57	1.001
3,3',4,4',5 - PeCB	126		B	41.2	13.3	1.55	1 000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	2100	5.47	1.25	1 000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			772	4.43	1.26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		8.31		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,3,3',4,4',5,5' - HpCB	189			169	0.890	0.98	1.000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener; U = not detected; K = peak detected, but did not meet quantification criteria, E = exceeds calibrated linear range, see dilution data; D = dilution data, J = concentration less than LMCL; B = analyte found in sample and the associated blank, X = results reported separately

14745AD2_1.xls, S4

Approved by: _____ QA/QC Chemist

06-03-2005
dd-mm-yyyy

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AXYS METHOD MLA-010 Rev 05

1668A-S1 209 2

CLIENT ID:
LDW-B3b-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	10-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-3 W	
Matrix:	SOLID		**Sample Size:**	9.89	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	24-Feb-2005	**Time:** 2:51:14	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	300		**Sample Data Filename:**	**PB5C_098B S:5**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	15		**Cal. Ver. Data Filename:**	PB5C_098B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		D B	6200	6.20	0.74	0.884
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	13900	2.72	1.59	0.869
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		D B	5270	24.7	1.52	1.001
2,3,3',4',6 - PeCB	110	110 + 115	C D B	18900	2.43	1.58	0.925
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	13700	21 8	1.52	1.000
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	20400	15.0	1.27	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	16300	13.5	1.27	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C159				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	8400	0.694	1.06	0.911
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; A = results reported separately

14745AD7_1.xls, S2

Approved by: _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B3b-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	10-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-3
Sample Size:	9.89 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_068 S:6 PB5C_096B S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			678	2.46	0.0001	6.78E-02	6.78E-02
3,4,4',5-TetraCB	81		U		2.36	0.0001	1.18E-04	0.00E+00
2,3,3',4,4'-PentaCB	105			5270	24.7	0.0001	5.27E-01	5.27E-01
2,3,4,4',5-PentaCB	114			229	12.4	0.0005	1.14E-01	1.14E-01
2,3',4,4',5-PentaCB	118			13700	21.8	0.0001	1.37E+00	1.37E+00
2',3,4,4',5-PentaCB	123			234	12.5	0.0001	2.34E-02	2.34E-02
3,3',4,4',5-PentaCB	126			41.2	13.3	0.1	4.12E+00	4.12E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	2100	5.47	0.0005	1.05E+00	1.05E+00
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			772	4.43	0.00001	7.72E-03	7.72E-03
3,3',4,4',5,5'-HexaCB	169		U		8.31	0.01	4.15E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			169	0.890	0.0001	1.69E-02	1.69E-02
						TOTAL TEQ	7.34	7.30

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14/45PCBTEQ1_1.xls ST_TEQ

Approved by: _____ QA/QC Chemist

05/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD. WEST, SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

MBRA-S1 209_2

CLIENT ID:
LDW-B4b-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	17-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-4	
Matrix:	SOLID		**Sample Size:**	10 5	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 1 32:24	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_068 S:7**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_068 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	52	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		E				
3,3',4,4' - TeCB	77		B	586	2.35	0.76	1.000
3,4,4',5 - TeCB	81		K	26.8	2.26	0.75	1.000
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		E				
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	226	1.45	1.53	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		B	174	1 54	1 53	1 001
3,3',4,4',5 - PeCB	126		B	23.6	1 58	1.53	1 000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	1780	4.15	1.25	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			609	3.39	1 26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		10 9		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,3,3',4,4',5,5' - HpCB	189			166	0 791	1.00	1.000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria, E = exceeds calibrated linear range, see dilution data, D = dilution data, I = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

14745AD2_1.xls SS

Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1.20s

CLIENT ID:
LDW-B4b-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	17-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-4 W	
Matrix:	SOLID		**Sample Size:**	10.5	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	23-Feb-2005	**Time:** 6:02:03	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	300		**Sample Data Filename:**	**PB5C_096B S:9**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	15		**Cal. Ver. Data Filename:**	PB5C_096B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		D B	6510	17.8	0.76	0.885
3,3',4,4' - TeCB	77						
3,4,4',5 TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	13000	6.92	1.57	1 238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		D B	4740	30.2	1.52	1.001
2,3,3',4',6 - PeCB	110	110 + 115	C D B	14800	6.06	1.57	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	12100	26.5	1.52	1.000
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	18100	43.1	1.26	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	15000	36.9	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	9130	0 996	1.05	0.910
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

14745AD5_1.xls, S5

Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B4b-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	17-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-4
Sample Size:	10.5 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_068 S:7 PB5C_096B S:9

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			586	2.35	0.0001	5.86E-02	5.86E-02
3,4,4',5-TetraCB	81		U		2.26	0.0001	1.13E-04	0.00E+00
2,3,3',4,4'-PentaCB	105			4740	30.2	0.0001	4.74E-01	4.74E-01
2,3,4,4',5-PentaCB	114			226	1.45	0.0005	1.13E-01	1.13E-01
2,3',4,4',5-PentaCB	118			12100	26.5	0.0001	1.21E+00	1.21E+00
2',3,4,4',5-PentaCB	123			174	1.54	0.0001	1.74E-02	1.74E-02
3,3',4,4',5-PentaCB	126			23.6	1.58	0.1	2.36E+00	2.36E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	1780	4.15	0.0005	8.90E-01	8.90E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			609	3.39	0.00001	6.09E-03	6.09E-03
3,3',4,4',5,5'-HexaCB	169		U		10.9	0.01	5.44E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			166	0.791	0.0001	1.66E-02	1.66E-02
						TOTAL TEQ	5.21	5.15

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by: _____ QA/QC Chemist

05/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

16684-S1 209 2

CLIENT ID:
LDW-B5a-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	22-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	04-08-06-21	
Contract No.:	4033		Lab Sample ID:	L7505-5	
Matrix:	SOLID		Sample Size:	10.4	g (dry)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	25-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	09-Feb-2005	Time: 10:14:19	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	20		Sample Data Filename:	PB5C_069 S:4	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_067 S:5	
Dilution Factor:	N/A		Cal. Ver. Data Filename:	PB5C_069 S:1	
Concentration Units :	ng/kg (dry weight basis)		% Moisture:	24	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	1600	1.05	0.76	0.884
3,3',4,4' - TeCB	77		B	173	0.992	0.76	1 000
3,4,4',5 - TeCB	81		K	5.89	0.958	0.79	1.000
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	2630	0.291	1.57	0.870
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	733	2.26	1.51	1.000
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	35.2	2.28	1.55	1.001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		B	1730	2.22	1.51	1.000
2',3,4,4',5 - PeCB	123		B	32.0	2.40	1.53	1.001
3,3',4,4',5 - PeCB	126		B	7 49	2.41	1.71	1 000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	3490	1 74	1.26	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	3220	1 59	1 26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	297	1.66	1 25	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			108	1 33	1 26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		3.98		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	2830	0.0411	1.06	0.911
2,3,3',4,4',5,5' - HpCB	189			41.8	0.323	1.01	1.000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

14745AD3_1 xls, S2

Approved by: _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD. WEST SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 209 /

CLIENT ID:
LDW-B5a-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	**22-Aug-2004**	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-5 W	
Matrix:	SOLID		**Sample Size:**	10.4	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	23-Feb-2005	**Time:** 2:49:23	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	200		**Sample Data Filename:**	**PB5C_096B S:6**	
Injection Volume (µL):	1.0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	10		**Cal. Ver. Data Filename:**	PB5C_096B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66						
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	2750	1.77	1.59	0.925
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118						
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C				
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C				
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria, E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

14745AD5_1.xls S2

Approved by: _____ Q/VQC Chemist

04/03/2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST, SIDNEY B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-B5a-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name:	AXYS ANALYTICAL SERVICES	Sample Collection:	22-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-5
Sample Size:	10.4 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_069 S:4

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			173	0.992	0.0001	1.73E-02	1.73E-02
3,4,4',5-TetraCB	81		U		0.958	0.0001	4.79E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			733	2.26	0.0001	7.33E-02	7.33E-02
2,3,4,4',5-PentaCB	114			35.2	2.28	0.0005	1.76E-02	1.76E-02
2,3',4,4',5-PentaCB	118			1730	2.22	0.0001	1.73E-01	1.73E-01
2',3,4,4',5-PentaCB	123			32.0	2.40	0.0001	3.20E-03	3.20E-03
3,3',4,4',5-PentaCB	126			7.49	2.41	0.1	7.49E-01	7.49E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	297	1.66	0.0005	1.48E-01	1.48E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			108	1.33	0.00001	1.08E-03	1.08E-03
3,3',4,4',5,5'-HexaCB	169		U		3.98	0.01	1.99E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			41.8	0.323	0.0001	4.18E-03	4.18E-03
						TOTAL TEQ	1.21	1.19

(1) C = co-eluting congener: U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14/45PCBTEQ

Approved by: [signature] QA/QC Chemist

05/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O BOX 2219, 2045 MILLS RD WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

CLIENT ID:
LDW-B8a-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-6	
Matrix:	SOLID		**Sample Size:**	10 5	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 11:18:33	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_069 S:5**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_069 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	55	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		E				
3,3',4,4' - TeCB	77		B	2050	9.38	0.77	1 000
3,4,4',5 - TeCB	81		K	88 1	8.10	0.69	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		E				
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	918	2.59	1.54	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		B	928	2.85	1.50	1.000
3,3',4,4',5 - PeCB	126		B	178	2.92	1.46	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,3,3',4,4',5 - HxCB	156	156 + 157	C E				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167		E				
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		165		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,3,3',4,4',5,5' - HpCB	189		E				
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, < = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

14745AD3_1.xls S3

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

16684-S1 209.2

CLIENT ID:
LDW-B8a-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-6 NK	
Matrix:	SOLID		**Sample Size:**	10.5	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	24-Feb-2005	**Time:** 3:55:24	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	2000		**Sample Data Filename:**	**PB5C_098B S:6**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	100		**Cal. Ver. Data Filename:**	PB5C_098B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		D B	23600	45.0	0.74	0.884
3.3',4.4' - TeCB	77						
3.4.4',5 - TeCB	81						
2,2',3.4',5 - PeCB	90	90 + 101 + 113	C D B	103000	8.08	1 59	1.238
2.2',4.5,5' - PeCB	101	90 + 101 + 113	C90				
2.3.3',4,4' - PeCB	105		D B	16800	122	1.50	1 001
2.3.3',4',6 - PeCB	110	110 + 115	C D B	84900	7.20	1.59	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4.4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	53100	114	1.52	1.000
2',3,4,4',5 - PeCB	123						
3.3',4,4',5 - PeCB	126						
2.2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	273000	424	1.27	0.928
2,2',3.4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4.4',5,5' - HxCB	153	153 + 168	C D B	308000	380	1.27	0.899
2.3,3',4,4',5 - HxCB	156	156 + 157	C D B	15600	476	1 27	1.000
2.3.3',4.4',5' - HxCB	157	156 + 157	C156				
2.3.3',4,5.6 - HxCB	160	129 + 138 + 160 + 163	C129				
2.3,3',4',5.6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167		D	6300	366	1.29	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3.3',4,4',5.5' - HxCB	169						
2,2',3.4.4'.5.5' - HpCB	180	180 + 193	C D B	307000	3.27	1 06	0.911
2.3.3',4.4',5,5' - HpCB	189		D	3890	56.5	1 00	1.001
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener. U = not detected; K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range. see dilution data. D = dilution data. J = concentration less than LMCL. B = analyte found in sample and the associated blank. X = results reported separately

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04/03/2005
dd-mm-yyyy

0121

CLIENT ID:
LDW-B8a-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	27-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-6
Sample Size:	10.5 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_069 S:5 PB5C_098B S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			2050	9.38	0.0001	2.05E-01	2.05E-01
3,4,4',5-TetraCB	81		U		8.10	0.0001	4.05E-04	0.00E+00
2,3,3',4,4'-PentaCB	105			16800	122	0.0001	1.68E+00	1.68E+00
2,3,4,4',5-PentaCB	114			918	2.59	0.0005	4.59E-01	4.59E-01
2,3',4,4',5-PentaCB	118			53100	114	0.0001	5.31E+00	5.31E+00
2',3,4,4',5-PentaCB	123			928	2.85	0.0001	9.28E-02	9.28E-02
3,3',4,4',5-PentaCB	126			178	2.92	0.1	1.78E+01	1.78E+01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	15600	476	0.0005	7.80E+00	7.80E+00
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			6300	366	0.00001	6.30E-02	6.30E-02
3,3',4,4',5,5'-HexaCB	169		U		165	0.01	8.24E-01	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			3090	56.5	0.0001	3.89E-01	3.89E-01
						TOTAL TEQ	34.6	33.8

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by: _____ QA/QC Chemist

05/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 209 2

CLIENT ID:
LDW-B9b-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	11-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	LL7505-7	
Matrix:	SOLID		**Sample Size:**	10.2	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 12:22:43	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_069 S:6**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_069 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	39	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	3290	0.967	0.75	0.884
3,3',4,4' - TeCB	77		B	267	0.960	0.76	1.000
3,4,4',5 - TeCB	81		K	10.9	0.919	0.81	1 001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	3020	7 04	1.51	1.000
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	152	7.07	1.53	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		B	153	7 19	1.52	1 000
3,3',4,4',5 - PeCB	126		B	23.6	7.43	1.54	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	1420	9.41	1.26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			470	7 65	1 26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C163				
3,3',4,4',5,5' - HxCB	169		U		7.66		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,3,3',4,4' 5,5' - HpCB	189			126	1 04	0.99	1 000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria, E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

14745AD3_1.xls, S4

Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS METHOD MLA-010 Rev 05

1668A-S1_209.2

CLIENT ID:
LDW-B9b-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	11-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-7 W	
Matrix:	SOLID		**Sample Size:**	10.2	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	23-Feb-2005	**Time:** 3:53:33	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	200		**Sample Data Filename:**	**PB5C_096B S:7**	
Injection Volume (µL):	1.0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	10		**Cal. Ver. Data Filename:**	PB5C_096B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66						
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	9670	2.23	1.57	1.238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	12800	1.95	1.57	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	9100	20.3	1.53	1.000
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	14100	27.8	1.27	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	10600	23.8	1.27	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	7840	0.466	1.06	0.911
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank, A = results reported separately

14745AD5_1.xls, S3

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04/03/2005
dd-mm-yyyy

AXYS METHOD MLA-010 Rev 05
PCB-TEQ-DL_14

CLIENT ID:
LDW-B9b-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	11-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-7
Sample Size:	10.2 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_069 S:6 PB5C_096B S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			267	0.960	0.0001	2.67E-02	2.67E-02
3,4,4',5-TetraCB	81		U		0.919	0.0001	4.59E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			3020	7.04	0.0001	3.02E-01	3.02E-01
2,3,4,4',5-PentaCB	114			152	7.07	0.0005	7.62E-02	7.62E-02
2,3',4,4',5-PentaCB	118			9100	20.3	0.0001	9.10E-01	9.10E-01
2',3,4,4',5-PentaCB	123			153	7.19	0.0001	1.53E-02	1.53E-02
3,3',4,4',5-PentaCB	126			23.6	7.43	0.1	2.36E+00	2.36E+00
2,3,3',4,4',5-HexaCB	156	156 + 157	C	1420	9.41	0.0005	7.11E-01	7.11E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			470	7.65	0.00001	4.70E-03	4.70E-03
3,3',4,4',5,5'-HexaCB	169		U		7.66	0.01	3.83E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			126	1.04	0.0001	1.26E-02	1.26E-02
						TOTAL TEQ	4.45	4.41

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

4745PCBTEQ1_1 [illegible] TEQ

Approved by _____ QA/QC Chemist

05/03/2005
dd-mm-yyyy

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AXYS METHOD MLA-010 Rev 05

1668A-S1 209 /

CLIENT ID:
LDW-B10a-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-8	
Matrix:	SOLID		**Sample Size:**	10.8	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 13:26:56	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_069 S:7**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_069 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	45	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	488	0.269	0.76	0 884
3,3',4,4' - TeCB	77		B	49.5	0.267	0 75	1.000
3,4,4',5 - TeCB	81		K	2.44	0.259	0.72	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	1860	0.285	1.57	1.238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	790	2.00	1 52	1 001
2,3,3',4',6 - PeCB	110	110 + 115	C B	2430	0.233	1 58	1 317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	40.7	2.02	1.49	1.001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		B	1940	1 97	1.51	1.000
2',3,4,4',5 - PeCB	123		B	29.5	2.05	1.47	1.001
3,3',4,4',5 - PeCB	126		B	3 79	2.09	1.62	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	2330	2.59	1.26	0.929
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	1780	2.37	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	252	2.48	1.26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			86.0	1.98	1.25	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		1.09		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	838	0.189	1.05	0 911
2,3,3',4,4',5,5' - HpCB	189			15 7	0.326	1.00	1.001
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

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CLIENT ID:
LDW-B10a-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No..	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-8
Sample Size:	10.8 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_069 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			49.5	0.267	0.0001	4.95E-03	4.95E-03
3,4,4',5-TetraCB	81		U		0.259	0.0001	1.30E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			790	2.00	0.0001	7.90E-02	7.90E-02
2,3,4,4',5-PentaCB	114			40.7	2.02	0.0005	2.03E-02	2.03E-02
2,3',4,4',5-PentaCB	118			1940	1.97	0.0001	1.94E-01	1.94E-01
2',3,4,4',5-PentaCB	123			29.5	2.05	0.0001	2.95E-03	2.95E-03
3,3',4,4',5-PentaCB	126			3.79	2.09	0.1	3.79E-01	3.79E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	252	2.48	0.0005	1.26E-01	1.26E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			86.0	1.98	0.00001	8.60E-04	8.60E-04
3,3',4,4',5,5'-HexaCB	169		U		1.09	0.01	5.43E-03	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			15.7	0.326	0.0001	1.57E-03	1.57E-03

TOTAL TEQ 0.814 0.809

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14745PCBTEQ... TEQ

Approved by: [signature] QA/QC Chemist

05/03/2005
dd-mm-yyyy

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AXYS METHOD MLA-010 Rev 05

1668A-S1 209 2

CLIENT ID:
LDW-C1-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No :	4033		**Lab Sample ID:**	L7505-9	
Matrix:	SOLID		**Sample Size:**	10.8	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 14 31:07	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_069 S:8**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_069 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	25	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	73.6	0.128	0.76	0 884
3.3',4.4' - TeCB	77		B	10.4	0.125	0.74	1.000
3,4,4',5 - TeCB	81		KJ	0.396	0 121	0.87	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	180	0.244	1.56	1.239
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	61 4	0.348	1.48	1.000
2,3,3',4',6 - PeCB	110	110 + 115	C B	230	0.200	1.58	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	2.75	0.343	1.60	1 001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		B	154	0.336	1 51	1.000
2',3,4,4',5 - PeCB	123		B	2.79	0.347	1 51	1 000
3,3',4,4',5 - PeCB	126		JB	0 758	0.348	1.56	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	320	0 518	1.26	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	258	0 474	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	27 5	0.496	1.27	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			10 6	0 401	1 28	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		0 399		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	155	0 181	1 06	0.910
2,3,3',4,4',5,5' - HpCB	189			3 06	0.252	1 06	1 000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria, E = exceeds calibrated linear range, see dilution data D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

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04/03/2005
dd-mm-yyyy

0139

CLIENT ID:
LDW-C1-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-9
Sample Size:	10.8 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_069 S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			10.4	0.125	0.0001	1.04E-03	1.04E-03
3,4,4',5-TetraCB	81		U		0.121	0.0001	6.03E-06	0.00E+00
2,3,3',4,4'-PentaCB	105			61.4	0.348	0.0001	6.14E-03	6.14E-03
2,3,4,4',5-PentaCB	114			2.75	0.343	0.0005	1.38E-03	1.38E-03
2,3',4,4',5-PentaCB	118			154	0.336	0.0001	1.54E-02	1.54E-02
2',3,4,4',5-PentaCB	123			2.79	0.347	0.0001	2.79E-04	2.79E-04
3,3',4,4',5-PentaCB	126			0.758	0.348	0.1	7.58E-02	7.58E-02
2,3,3',4,4',5-HexaCB	156	156 + 157	C	27.5	0.496	0.0005	1.38E-02	1.38E-02
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			10.6	0.401	0.00001	1.06E-04	1.06E-04
3,3',4,4',5,5'-HexaCB	169		U		0.399	0.01	2.00E-03	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			3.06	0.252	0.0001	3.06E-04	3.06E-04
						TOTAL TEQ	0.116	0.114

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14745PCBTEC [illegible]

Approved by: _____ QA/QC Chemist

05-03-2005
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AXYS METHOD MLA-010 Rev 05

1668A-S1 20[illegible] 2

CLIENT ID:
LDW-C2-S2

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name. AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-10	
Matrix:	SOLID		**Sample Size:**	10.2	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 15:35:15	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_069 S:9**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_069 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	31	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	1640	1.00	0.75	0.884
3,3',4,4' - TeCB	77		B	169	0.985	0 76	1.000
3,4,4',5 - TeCB	81		K	5.57	0.952	0 79	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	1290	3.85	1.51	1.000
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	58.6	3.84	1.53	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		B	53.4	4.06	1.64	1.001
3,3',4,4',5 - PeCB	126		B	8.30	4.08	1.47	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	4830	6.01	1.26	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	497	5.61	1.26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			171	4.68	1 26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		6 17		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,3,3',4,4',5,5' - HpCB	189			40.2	1 32	1.01	1.000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data ,I = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

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04/03/2005
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AXYS METHOD MLA-010 Rev 05

096RA-S1_209_2

CLIENT ID:
LDW-C2-S2

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	**26-Aug-2004**	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-10 W	
Matrix:	SOLID		**Sample Size:**	10 2	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	23-Feb-2005	**Time:** 4:57:53	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	200		**Sample Data Filename:**	**PB5C_096B S:8**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	10		**Cal. Ver. Data Filename:**	PB5C_096B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66						
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	3950	2.51	1.57	1.238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	4410	2.20	1.57	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	3590	14.3	1.50	1.000
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	5340	7 21	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	13300	0.982	1.05	0 910
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

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Approved by _____ QA/QC Chemist

04/03/2005
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CLIENT ID:
LDW-C2-S2

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-10
Sample Size:	10.2 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_069 S:9 PB5C_096B S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			169	0.985	0.0001	1.69E-02	1.69E-02
3,4,4',5-TetraCB	81		U		0.952	0.0001	4.76E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			1290	3.85	0.0001	1.29E-01	1.29E-01
2,3,4,4',5-PentaCB	114			58.6	3.84	0.0005	2.93E-02	2.93E-02
2,3',4,4',5-PentaCB	118			3590	14.3	0.0001	3.59E-01	3.59E-01
2',3,4,4',5-PentaCB	123			53.4	4.06	0.0001	5.34E-03	5.34E-03
3,3',4,4',5-PentaCB	126			8.30	4.08	0.1	8.30E-01	8.30E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	497	5.61	0.0005	2.49E-01	2.49E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			171	4.68	0.00001	1.71E-03	1.71E-03
3,3',4,4',5,5'-HexaCB	169		U		6.17	0.01	3.08E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			40.2	1.32	0.0001	4.02E-03	4.02E-03
						TOTAL TEQ	1.65	1.62

(1) C = co-eluting congener: U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by: _____ QA/QC Chemist

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AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD WEST, SIDNEY B C , CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 209 2

CLIENT ID:
LDW-C4-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No..	4033		**Lab Sample ID:**	L7505-11	
Matrix:	SOLID		**Sample Size:**	10.5	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 16:39:26	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_069 S:10**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_069 S 1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	31	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	1180	0.536	0.76	0.884
3,3',4,4' - TeCB	77		B	120	0.537	0.76	1.000
3,4,4',5 - TeCB	81		K	4.70	0.506	0.77	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	1190	0.822	1 52	1 000
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	54.3	0.827	1.54	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		B	62.6	0.836	1.51	1.000
3,3',4,4',5 - PeCB	126		B	4 97	0.885	1.34	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	5340	1.83	1.26	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	4060	1 67	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	544	1 77	1.26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			189	1 42	1 25	1 001
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		1 25		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	1620	0 105	1 05	0.911
2,3,3',4,4',5,5' - HpCB	189			33.2	1 26	0 96	1.000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener. U = not detected. K = peak detected, but did not meet quantification criteria. E = exceeds calibrated linear range, see dilution data. D = dilution data. J = concentration less than LMCL. B = analyte found in sample and the associated blank. X = results reported separately

14745AD3_1.xls S8

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AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD. WEST, SIDNEY B C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

MLA-S1_209.2

CLIENT ID:
LDW-C4-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	27-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			Project Number:	01 08 06 21	
Contract No.:	4033		Lab Sample ID:	L7505-11 W	
Matrix:	SOLID		Sample Size:	10.5	g (dry)
Sample Receipt Date:	16-Dec-2004		Initial Calibration Date:	04-Feb-2005	
Extraction Date:	25-Jan-2005		Instrument ID:	HR GC/MS	
Analysis Date:	22-Feb-2005	Time: 16:44:46	GC Column ID:	SPB-OCTYL	
Extract Volume (µL):	100		Sample Data Filename:	PB5C_095 S:10	
Injection Volume (µL):	1 0		Blank Data Filename:	PB5C_067 S:5	
Dilution Factor:	5		Cal. Ver. Data Filename:	PB5C_095 S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66						
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	5170	1 83	1.57	1 238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	6150	1.60	1.57	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	3640	4.83	1.53	1.000
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C				
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C				
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

14745AD6_1.xls S4

Approved by _____ QA/QC Chemist

04/03/2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C4-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	27-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-11
Sample Size:	10.5 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_069 S:10 PB5C_095 S:10

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			120	0.537	0.0001	1.20E-02	1.20E-02
3,4,4',5-TetraCB	81		U		0.506	0.0001	2.53E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			1190	0.822	0.0001	1.19E-01	1.19E-01
2,3,4,4',5-PentaCB	114			54.3	0.827	0.0005	2.71E-02	2.71E-02
2,3',4,4',5-PentaCB	118			3640	4.83	0.0001	3.64E-01	3.64E-01
2',3,4,4',5-PentaCB	123			62.6	0.836	0.0001	6.26E-03	6.26E-03
3,3',4,4',5-PentaCB	126			4.97	0.885	0.1	4.97E-01	4.97E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	544	1.77	0.0005	2.72E-01	2.72E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			189	1.42	0.00001	1.89E-03	1.89E-03
3,3',4,4',5,5'-HexaCB	169		U		1.25	0.01	6.24E-03	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			33.2	1.26	0.0001	3.32E-03	3.32E-03
						TOTAL TEQ	1.31	1.30

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

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Approved by: [signature] QA/QC Chemist

05/03/2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

[illegible]

CLIENT ID:
LDW-C6-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-12	
Matrix:	SOLID		**Sample Size:**	10 7	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	09-Feb-2005	**Time:** 17:43:36	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_069 S:11**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_069 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	30	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	956	0 554	0.76	0.884
3,3',4,4' - TeCB	77		B	104	0.553	0.76	1.000
3,4,4',5 - TeCB	81		K	3.71	0.522	0.69	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	2190	0.516	1.58	1.238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	697	0.407	1.52	1.000
2,3,3',4',6 - PeCB	110	110 + 115	C B	2750	0.423	1.58	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	33.5	0.407	1 58	1.001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		B	1820	0.410	1 52	1 000
2',3,4,4',5 - PeCB	123		B	33.5	0.431	1 62	1.001
3,3',4,4',5 - PeCB	126		B	5.27	0 426	1.36	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	3170	1.49	1.26	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	2630	1.37	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	294	1.40	1.26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			110	1.17	1.25	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		1.26		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	1680	0 272	1.06	0.910
2,3,3',4,4',5,5' - HpCB	189			30.2	0.462	1 03	1.000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener U = not detected K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data. D = dilution data J = concentration less than LMCL. B = analyte found in sample and the associated blank, X = results reported separately

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Approved by: _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

0160

CLIENT ID:
LDW-C6-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-12
Sample Size:	10.7 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_069 S:11

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			104	0.553	0.0001	1.04E-02	1.04E-02
3,4,4',5-TetraCB	81		U		0.522	0.0001	2.61E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			697	0.407	0.0001	6.97E-02	6.97E-02
2,3,4,4',5-PentaCB	114			33.5	0.407	0.0005	1.67E-02	1.67E-02
2,3',4,4',5-PentaCB	118			1820	0.410	0.0001	1.82E-01	1.82E-01
2',3,4,4',5-PentaCB	123			33.5	0.431	0.0001	3.35E-03	3.35E-03
3,3',4,4',5-PentaCB	126			5.27	0.426	0.1	5.27E-01	5.27E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	294	1.40	0.0005	1.47E-01	1.47E-01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			110	1.17	0.00001	1.10E-03	1.10E-03
3,3',4,4',5,5'-HexaCB	169		U		1.26	0.01	6.31E-03	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			30.2	0.462	0.0001	3.02E-03	3.02E-03
						TOTAL TEQ	0.966	0.960

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

4745PCBTEQ ... S16 TEQ

Approved by. [signature] QA/QC Chemist

05/03/2005
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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 [illegible]

CLIENT ID:
LDW-C7-S-1

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-13	
Matrix:	SOLID		**Sample Size:**	10 9	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	10-Feb-2005	**Time:** 2:36:40	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_070A S:7**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_070A S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	26	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		E				
3,3',4,4' - TeCB	77		B	1250	3.58	0 76	1 000
3,4,4',5 - TeCB	81		K	43.2	2.68	0 79	1.000
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		E				
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	1400	11.3	1.48	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		B	1570	12.2	1.50	1 001
3,3',4,4',5 - PeCB	126		B	218	12.6	1.51	1 000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,3,3',4,4',5 - HxCB	156	156 + 157	C E				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167		E				
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		48.1		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,3,3',4,4',5,5' - HpCB	189			1010	4 47	0.95	1.000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener; U = not detected; K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

14745AD4_1.xls S2

Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 209 4

CLIENT ID:
LDW-C7-S-1

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-13 W	
Matrix:	SOLID		**Sample Size:**	10.9	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	24-Feb-2005	**Time:** 4:59:37	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	400		**Sample Data Filename:**	**PB5C_098B S:7**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	20		**Cal. Ver. Data Filename:**	PB5C_098B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		D B	23200	7 61	0.76	0.884
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		D B	33300	150	1.52	1.000
2,3,3',4',6 - PeCB	110	110 + 115	C				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118						
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C				
2,3,3',4,4',5 - HxCB	156	156 + 157	C D B	16000	167	1 26	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167		D	6190	125	1.27	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	59600	4.19	1.05	0.911
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

14745AD7_1 xls, S4

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AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1613PA-S1 209 2

CLIENT ID:
LDW-C7-S-1

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-13 NK	
Matrix:	SOLID		**Sample Size:**	10.9	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	02-Mar-2005	**Time:** 15:04:29	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	30000		**Sample Data Filename:**	**PB5C_111 S:6**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	1500		**Cal. Ver. Data Filename:**	PB5C_111 S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66						
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	178000	162	1.59	0.869
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	231000	137	1.57	0.925
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	108000	292	1.57	1.000
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	198000	508	1.28	0.929
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	146000	446	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C				
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener; U = not detected; K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data. D = dilution data; J = concentration less than LMCL. B = analyte found in sample and the associated blank; X = results reported separately

14745AD8_1.xls, S2

Approved by: _____ QA/QC Chemist

04/03/2005
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AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C7-S-1

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-13
Sample Size:	10.9 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_070A S:7 PB5C_098B S:7 PB5C_111 S:6

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			1250	3.58	0.0001	1.25E-01	1.25E-01
3,4,4',5-TetraCB	81		U		2.68	0.0001	1.34E-04	0.00E+00
2,3,3',4,4'-PentaCB	105			33300	150	0.0001	3.33E+00	3.33E+00
2,3,4,4',5-PentaCB	114			1400	11.3	0.0005	6.98E-01	6.98E-01
2,3',4,4',5-PentaCB	118			108000	292	0.0001	1.08E+01	1.08E+01
2',3,4,4',5-PentaCB	123			1570	12.2	0.0001	1.57E-01	1.57E-01
3,3',4,4',5-PentaCB	126			218	12.6	0.1	2.18E+01	2.18E+01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	16000	167	0.0005	8.00E+00	8.00E+00
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			6190	125	0.00001	6.19E-02	6.19E-02
3,3',4,4',5,5'-HexaCB	169		U		48.1	0.01	2.40E-01	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			1010	4.47	0.0001	1.01E-01	1.01E-01
						TOTAL TEQ	45.3	45.1

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

Approved by: _____ QA/QC Chemist

05/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD PO BOX 2219, 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 [illegible]

CLIENT ID:
LDW-C8-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	26-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-00-00-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-14 W	
Matrix:	SOLID		**Sample Size:**	10.5	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	24-Feb-2005	**Time:** 7:08:07	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	400		**Sample Data Filename:**	**PB5C_098B S:9**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	20		**Cal. Ver. Data Filename:**	PB5C_098B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		E				
3,3',4,4' - TeCB	77		D B	5740	21 8	0.75	1.000
3,4,4',5 - TeCB	81		KD	215	19.6	0.77	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		E				
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		D B	4030	272	1.52	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		E				
2',3,4,4',5 - PeCB	123		D B	4080	291	1.52	1 001
3,3',4,4',5 - PeCB	126		D B	725	347	1.51	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,3,3',4,4',5 - HxCB	156	156 + 157	C D B	39300	288	1.27	1 000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167		D	13700	225	1 27	1 000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		UD		229		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	65100	4 47	1.06	0.911
2,3,3',4,4',5,5' - HpCB	189		D	1640	14 7	0 96	1 001
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data D = dilution data J = concentration less than LMCL, B = analyte found in sample and the associated blank; X = results reported separately

14745AD7_1.xls S6

Approved by: [signature] QA/QC Chemist

07-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 209_2

CLIENT ID:
LDW-C8-S

Form 1A

PCB CONGENER ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
		Project Number:	04 08 06 21
Contract No.:	4033	Lab Sample ID:	L7505-14 NK
Matrix:	SOLID	Sample Size:	10 5 g (dry)
Sample Receipt Date:	16-Dec-2004	Initial Calibration Date:	04-Feb-2005
Extraction Date:	25-Jan-2005	Instrument ID:	HR GC/MS
Analysis Date:	02-Mar-2005 Time: 16:08:45	GC Column ID:	SPB-OCTYL
Extract Volume (µL):	30000	Sample Data Filename:	PB5C_111 S:7
Injection Volume (µL):	1 0	Blank Data Filename:	PB5C_067 S:5
Dilution Factor:	1500	Cal. Ver. Data Filename:	PB5C_111 S:1
Concentration Units :	ng/kg (dry weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		D B	90700	178	0 75	0.885
3,3',4,4' - TeCB	77						
3,4,4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	366000	257	1.57	1.238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		D B	87600	438	1.56	1 000
2,3,3',4',6 - PeCB	110	110 + 115	C D B	467000	217	1.57	1 317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	275000	352	1.57	1.001
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	412000	577	1.27	0.929
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	292000	506	1.27	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C				
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener. U = not detected. K = peak detected, but did not meet quantification criteria: E = exceeds calibrated linear range, see dilution data. D = dilution data J = concentration less than LMCL. B = analyte found in sample and the associated blank; X = results reported separately

14745AD8_1 xls S3

Approved by ______________________ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P0 BOX 2219, 2045 MILLS RD WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C8-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	26-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-14 W
Sample Size:	10.5 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_098B S:9 PB5C_111 S:7

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			5740	21.8	0.0001	5.74E-01	5.74E-01
3,4,4',5-TetraCB	81		U		19.6	0.0001	9.80E-04	0.00E+00
2,3,3',4,4'-PentaCB	105			87600	438	0.0001	8.76E+00	8.76E+00
2,3,4,4',5-PentaCB	114			4030	272	0.0005	2.01E+00	2.01E+00
2,3',4,4',5-PentaCB	118			275000	352	0.0001	2.75E+01	2.75E+01
2',3,4,4',5-PentaCB	123			4080	291	0.0001	4.08E-01	4.08E-01
3,3',4,4',5-PentaCB	126			725	347	0.1	7.25E+01	7.25E+01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	39300	288	0.0005	1.96E+01	1.96E+01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			13700	225	0.00001	1.37E-01	1.37E-01
3,3',4,4',5,5'-HexaCB	169		U		229	0.01	1.14E+00	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			1640	14.7	0.0001	1.64E-01	1.64E-01
						TOTAL TEQ	133	132

(1) C = co-eluting congener; U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14745PCBTEQ1_1 xls S18 TEQ

Approved by: _____ QA/QC Chemist

05/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD WEST SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 209 2

CLIENT ID:
LDW-C9-S

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04 08 06 21	
Contract No.:	4033		**Lab Sample ID:**	L7505-15 r	
Matrix:	SOLID		**Sample Size:**	10.5	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	22-Feb-2005	**Time:** 11:23:41	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	20		**Sample Data Filename:**	**PB5C_095 S:5**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	N/A		**Cal. Ver. Data Filename:**	PB5C_095 S:1	
Concentration Units :	ng/kg (dry weight basis)		**% Moisture:**	25	

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		B	476	0.437	0.77	0.885
3,3',4,4' - TeCB	77		B	56.4	0.472	0.76	1.000
3,4,4',5 - TeCB	81		K	3 49	0.445	0.79	1.001
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C B	1450	0.223	1.57	0.869
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		B	434	1.82	1.52	1.001
2,3,3',4',6 - PeCB	110	110 + 115	C B	2120	0.195	1 57	0.924
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		B	17 8	1.77	1.68	1.001
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		B	1110	1 65	1.54	1.001
2',3,4,4',5 - PeCB	123		B	24.7	1.81	1.57	1.000
3,3',4,4',5 - PeCB	126		B	3.70	2.06	1.43	1 000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C B	2550	2.34	1.26	0.928
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C B	2110	2.08	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C B	190	2.70	1 25	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167			86.5	2.08	1.25	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		U		3.91		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C B	1740	0.0500	1.06	0.910
2,3,3',4,4',5,5' - HpCB	189			24.5	0.409	0.97	1 000
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank; A = results reported separately

14745AD6_1.xls S2

Approved by: _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C9-S

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-15 i
Sample Size:	10.5 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_095 S:5

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			56.4	0.472	0.0001	5.64E-03	5.64E-03
3,4,4',5-TetraCB	81		U		0.445	0.0001	2.22E-05	0.00E+00
2,3,3',4,4'-PentaCB	105			434	1.82	0.0001	4.34E-02	4.34E-02
2,3,4,4',5-PentaCB	114			17.8	1.77	0.0005	8.92E-03	8.92E-03
2,3',4,4',5-PentaCB	118			1110	1.65	0.0001	1.11E-01	1.11E-01
2',3,4,4',5-PentaCB	123			24.7	1.81	0.0001	2.47E-03	2.47E-03
3,3',4,4',5-PentaCB	126			3.70	2.06	0.1	3.70E-01	3.70E-01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	190	2.70	0.0005	9.52E-02	9.52E-02
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			86.5	2.08	0.00001	8.65E-04	8.65E-04
3,3',4,4',5,5'-HexaCB	169		U		3.91	0.01	1.95E-02	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			24.5	0.400	0.0001	2.45E-03	2.45E-03
						TOTAL TEQ	0.659	0.640

(1) C = co-eluting congener: U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations.

These pages are part of a larger report that may contain information necessary for full data evaluation.

14745PCBTEQ1_14 S15 TEQ

Approved by: _____ QA/QC Chemist

05/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219, 2045 MILLS RD. WEST, SIDNEY, B.C. CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1 209_2

CLIENT ID:
LDW-C10-S-1

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-00-00-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-16 W	
Matrix:	SOLID		**Sample Size:**	9 16	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	24-Feb-2005	**Time:** 6:03:54	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	400		**Sample Data Filename:**	**PB5C_098B S:8**	
Injection Volume (µL):	1 0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	20		**Cal. Ver. Data Filename:**	PB5C_098B S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66		D B	2880	15.9	0.75	0.884
3,3',4,4' - TeCB	77		D B	478	19.8	0.74	1.000
3,4,4',5 - TeCB	81		KD	70.3	18.1	0.76	1.000
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C E				
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105		D B	8240	57.6	1.52	1 000
2,3,3',4',6 - PeCB	110	110 + 115	C E				
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5 - PeCB	114		D B	177	52.3	1.63	1.000
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118		D B	56000	51.2	1.53	1.000
2',3,4,4',5 - PeCB	123		D B	533	54.2	1.63	1.000
3,3',4,4',5 - PeCB	126		D B	332	63.4	1.46	1.000
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C E				
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C E				
2,3,3',4,4',5 - HxCB	156	156 + 157	C D B	41700	1230	1.27	1.000
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167		D	20200	962	1.26	1.000
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169		UD		1410		
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C E				
2,3,3',4,4',5,5' - HpCB	189		D	14100	88.4	0.99	1.001
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected, K = peak detected, but did not meet quantification criteria, E = exceeds calibrated linear range, see dilution data, D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

14745AD7 1 xls S5

Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O BOX 2219 2045 MILLS RD. WEST, SIDNEY B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

AXYS METHOD MLA-010 Rev 05

1668A-S1_209.2

CLIENT ID:
LDW-C10-S-1

Form 1A
PCB CONGENER ANALYSIS REPORT

			Sample Collection:	25-Aug-2004	
Lab Name: AXYS ANALYTICAL SERVICES			**Project Number:**	04-08-06-21	
Contract No.:	4033		**Lab Sample ID:**	L7505-16 NK	
Matrix:	SOLID		**Sample Size:**	9.16	g (dry)
Sample Receipt Date:	16-Dec-2004		**Initial Calibration Date:**	04-Feb-2005	
Extraction Date:	25-Jan-2005		**Instrument ID:**	HR GC/MS	
Analysis Date:	02-Mar-2005	**Time:** 17:12:59	**GC Column ID:**	SPB-OCTYL	
Extract Volume (µL):	30000		**Sample Data Filename:**	**PB5C_111 S:8**	
Injection Volume (µL):	1.0		**Blank Data Filename:**	PB5C_067 S:5	
Dilution Factor:	1500		**Cal. Ver. Data Filename:**	PB5C_111 S:1	
Concentration Units :	ng/kg (dry weight basis)				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	ION ABUND. RATIO	RRT
2,3',4,4' - TeCB	66						
3.3',4,4' - TeCB	77						
3.4.4',5 - TeCB	81						
2,2',3,4',5 - PeCB	90	90 + 101 + 113	C D B	368000	63.7	1.58	1.238
2,2',4,5,5' - PeCB	101	90 + 101 + 113	C90				
2,3,3',4,4' - PeCB	105						
2,3,3',4',6 - PeCB	110	110 + 115	C D B	171000	53.7	1.57	1.317
2,3,3',5',6 - PeCB	113	90 + 101 + 113	C90				
2.3.4,4',5 - PeCB	114						
2,3,4,4',6 - PeCB	115	110 + 115	C110				
2,3',4,4',5 - PeCB	118						
2',3,4,4',5 - PeCB	123						
3,3',4,4',5 - PeCB	126						
2,2',3,3',4,5 - HxCB	129	129 + 138 + 160 + 163	C D B	1200000	806	1.25	0.929
2,2',3,4,4',5' - HxCB	138	129 + 138 + 160 + 163	C129				
2,2',4,4',5,5' - HxCB	153	153 + 168	C D B	1440000	707	1.26	0.899
2,3,3',4,4',5 - HxCB	156	156 + 157	C				
2,3,3',4,4',5' - HxCB	157	156 + 157	C156				
2,3,3',4,5,6 - HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4',5,6 - HxCB	163	129 + 138 + 160 + 163	C129				
2,3',4,4',5,5' - HxCB	167						
2,3',4,4',5',6 - HxCB	168	153 + 168	C153				
3,3',4,4',5,5' - HxCB	169						
2,2',3,4,4',5,5' - HpCB	180	180 + 193	C D B	1120000	37.6	1.04	0.911
2,3,3',4,4',5,5' - HpCB	189						
2,3,3',4',5,5',6 - HpCB	193	180 + 193	C180				

(1) C = co-eluting congener, U = not detected; K = peak detected, but did not meet quantification criteria; E = exceeds calibrated linear range, see dilution data D = dilution data, J = concentration less than LMCL, B = analyte found in sample and the associated blank, X = results reported separately

14745AD8 1.xls S4

Approved by _____ QA/QC Chemist

04/03/2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

CLIENT ID:
LDW-C10-S-1

Form 1C
PCB CONGENER TEQ ANALYSIS REPORT

Lab Name: AXYS ANALYTICAL SERVICES		Sample Collection:	25-Aug-2004
Contract No.:	4033	Project Number:	04-08-06-21
Matrix:	SOLID	Lab Sample ID:	L7505-16 W
Sample Size:	9.16 g (dry)	GC Column ID(s):	SPB-OCTYL
Concentration Units :	ng/kg (dry weight basis)	Sample Datafile(s):	PB5C_098B S:8

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG[1]	CONC. FOUND	DETECTION LIMIT	WHO 1998 TEF	TEQ U=1/2 DL	TEQ U=0
3,3',4,4'-TetraCB	77			478	19.8	0.0001	4.78E-02	4.78E-02
3,4,4',5-TetraCB	81		U		18.1	0.0001	9.03E-04	0.00E+00
2,3,3',4,4'-PentaCB	105			8240	57.6	0.0001	8.24E-01	8.24E-01
2,3,4,4',5-PentaCB	114			177	52.3	0.0005	8.85E-02	8.85E-02
2,3',4,4',5-PentaCB	118			56000	51.2	0.0001	5.60E+00	5.60E+00
2',3,4,4',5-PentaCB	123			533	54.2	0.0001	5.33E-02	5.33E-02
3,3',4,4',5-PentaCB	126			332	63.4	0.1	3.32E+01	3.32E+01
2,3,3',4,4',5-HexaCB	156	156 + 157	C	41700	1230	0.0005	2.08E+01	2.08E+01
2,3,3',4,4',5'-HexaCB	157	156 + 157	C156					
2,3',4,4',5,5'-HexaCB	167			20200	962	0.00001	2.02E-01	2.02E-01
3,3',4,4',5,5'-HexaCB	169		U		1410	0.01	7.06E+00	0.00E+00
2,3,3',4,4',5,5'-HeptaCB	189			14100	88.4	0.0001	1.41E+00	1.41E+00
						TOTAL TEQ	69.3	62.3

(1) C = co-eluting congener, U = not detected
(2) Concentrations that do not meet quantification criteria are not included in the TEQ calculations

These pages are part of a larger report that may contain information necessary for full data evaluation

14745PCBTEQ1_14 S12 TEQ

Approved by: _____ QA/QC Chemist

07-03-2005
dd-mm-yyyy

AXYS ANALYTICAL SERVICES LTD P.O. BOX 2219 2045 MILLS RD WEST, SIDNEY, B.C., CANADA V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811