APPENDIX G. FORM 1S

Clam Arsenic and Total Solids

Reported by
Brooks Rand LLC
Contact: Amanda Fawley
3958 6th Avenue NW
Seattle, WA 98107
Tel: 206-632-6206 *Fax: 206-632-6017*

Summary of Results for
Windward Environmental
Contact: Marina Mitchell
200 W. Mercer St, Suite 401
Seattle WA 98119
Tel: 206-577-1295

Lab Project # WIN004
Lab Tracking # 07BR1246

As

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
LDW-07-C1-Comp	07BR1246 - 01	T	9/6/2007	9/7/2007	07-0964	2.370	mg/kg	
LDW-07-C1-Comp-dep	07BR1246 - 02	T	9/6/2007	9/7/2007	07-0964	2.350	mg/kg	
LDW-07-C2-1-Comp	07BR1246 - 03	T	9/6/2007	9/7/2007	07-0964	4.970	mg/kg	
LDW-07-C2-1-Comp-dep	07BR1246 - 04	T	9/6/2007	9/7/2007	07-0964	3.580	mg/kg	
LDW-07-C2-2-Comp	07BR1246 - 05	T	9/6/2007	9/7/2007	07-0964	4.020	mg/kg	
LDW-07-C2-2-Comp-dep	07BR1246 - 06	T	9/6/2007	9/7/2007	07-0964	2.480	mg/kg	
LDW-07-C3-1-Comp	07BR1246 - 07	T	9/6/2007	9/7/2007	07-0964	3.910	mg/kg	
LDW-07-C3-1-Comp-dep	07BR1246 - 08	T	9/6/2007	9/7/2007	07-0964	4.880	mg/kg	
LDW-07-C3-2-Comp	07BR1246 - 09	T	9/6/2007	9/7/2007	07-0964	3.240	mg/kg	
LDW-07-C3-2-Comp-dep	07BR1246 - 10	T	9/6/2007	9/7/2007	07-0964	5.400	mg/kg	
LDW-07-C4-Comp	07BR1246 - 11	T	9/6/2007	9/7/2007	07-0964	10.200	mg/kg	
LDW-07-C4-Comp-dep	07BR1246 - 12	T	9/6/2007	9/7/2007	07-0964	12.400	mg/kg	
LDW-07-C5-Comp	07BR1246 - 13	T	9/6/2007	9/7/2007	07-0964	3.440	mg/kg	
LDW-07-C6-Comp	07BR1246 - 14	T	9/6/2007	9/7/2007	07-0964	4.680	mg/kg	
LDW-07-C6-Comp-dep	07BR1246 - 15	T	9/6/2007	9/7/2007	07-0964	7.050	mg/kg	
LDW-07-C7-Comp	07BR1246 - 16	T	9/11/2007	9/12/2007	07-0965-1	6.480	mg/kg	
LDW-07-C9-Comp	07BR1246 - 17	T	9/11/2007	9/12/2007	07-0965-1	4.870	mg/kg	
LDW-07-C9-Comp-dep	07BR1246 - 18	T	9/11/2007	9/12/2007	07-0965-1	6.760	mg/kg	
LDW-07-C10-2-Comp	07BR1246 - 19	T	9/11/2007	9/12/2007	07-0965-1	3.560	mg/kg	
LDW-07-C1-S	07BR1246 - 20	T	9/6/2007	9/7/2007	07-0942	4.759	mg/kg (dry)	
LDW-07-C2-1-S	07BR1246 - 21	T	9/6/2007	9/7/2007	07-0942	4.530	mg/kg (dry)	
LDW-07-C2-2-S	07BR1246 - 22	T	9/6/2007	9/7/2007	07-0942	3.569	mg/kg (dry)	
LDW-07-C3-1-S	07BR1246 - 23	T	9/6/2007	9/7/2007	07-0942	5.303	mg/kg (dry)	
LDW-07-C3-2-S	07BR1246 - 24	T	9/6/2007	9/7/2007	07-0942	5.274	mg/kg (dry)	
LDW-07-C4-S	07BR1246 - 25	T	9/6/2007	9/7/2007	07-0942	172.180	mg/kg (dry)	
LDW-07-C5-S	07BR1246 - 26	T	9/6/2007	9/7/2007	07-0942	14.073	mg/kg (dry)	
LDW-07-C6-S	07BR1246 - 27	T	9/6/2007	9/7/2007	07-0942	22.404	mg/kg (dry)	
LDW-07-C7-S	07BR1246 - 28	T	9/6/2007	9/7/2007	07-0942	10.092	mg/kg (dry)	
LDW-07-C9-S	07BR1246 - 29	T	9/6/2007	9/7/2007	07-0942	5.622	mg/kg (dry)	
LDW-07-C10-2-S	07BR1246 - 30	T	9/6/2007	9/7/2007	07-0942	8.101	mg/kg (dry)	
LDW-07-C10-2-S-FD	07BR1246 - 31	T	9/6/2007	9/7/2007	07-0942	7.219	mg/kg (dry)	
SB-TM-07-0934-1	07BR1246 - 32	T	9/6/2007	9/7/2007	07-0964	0.110	mg/kg	U
LDW-07-C8-S	07BR1246 - 33	T	9/6/2007	9/7/2007	07-0942	27.715	mg/kg (dry)	
LDW-07-C11-S	07BR1246 - 34	T	9/6/2007	9/7/2007	07-0942	22.308	mg/kg (dry)	
LDW-07-C10-1-S	07BR1246 - 35	T	9/6/2007	9/7/2007	07-0942	37.437	mg/kg (dry)	
LDW-07-C5-comp-dep	07BR1246 - 36	T	9/11/2007	9/12/2007	07-0965-1	4.240	mg/kg	
LDW-07-C7-comp-dep	07BR1246 - 37	T	9/11/2007	9/12/2007	07-0965-1	10.600	mg/kg	
LDW-07-C8-comp-dep	07BR1246 - 38	T	9/11/2007	9/12/2007	07-0965-1	8.270	mg/kg	
LDW-07-C10-2-comp-dep	07BR1246 - 39	T	9/11/2007	9/12/2007	07-0965-1	6.270	mg/kg	
LDW-07-C8-comp	07BR1246 - 40	T	9/11/2007	9/12/2007	07-0965-1	5.500	mg/kg	
LDW-07-C11-comp	07BR1246 - 41	T	9/11/2007	9/12/2007	07-0965-1	2.660	mg/kg	
LDW-07-C10-1-comp	07BR1246 - 42	T	9/11/2007	9/12/2007	07-0965-1	5.130	mg/kg	
SB-TM-07-0935-1	07BR1246 - 43	T	9/6/2007	9/7/2007	07-0964	0.110	mg/kg	U
SB-TM-07-0936-1	07BR1246 - 44	T	9/11/2007	9/12/2007	07-0965-1	0.110	mg/kg	U
LDW-07-C10-1-Comp-dep	07BR1246 - 45	T	9/11/2007	9/12/2007	07-0965-1	4.880	mg/kg	
LDW-07-C11-Comp-dep	07BR1246 - 46	T	9/11/2007	9/12/2007	07-0965-1	2.490	mg/kg	
LDW-07-C12-Comp	07BR1246 - 47	T	9/11/2007	9/12/2007	07-0965-1	15.200	mg/kg	
LDW-07-C12-Comp-dep	07BR1246 - 48	T	9/11/2007	9/12/2007	07-0965-1	19.700	mg/kg	
LDW-07-C12-S	07BR1246 - 49	T	9/6/2007	9/7/2007	07-0942	67.630	mg/kg (dry)	
SB-TM-07-0937-1	07BR1246 - 50	T	9/11/2007	9/12/2007	07-0965-1	0.110	mg/kg	U
HB-TM-07-0960-1	07BR1246 - 51	T	9/6/2007	9/7/2007	07-0964	0.110	mg/kg	U
HB-TM-07-0961-1	07BR1246 - 52	T	9/11/2007	9/12/2007	07-0965-1	0.110	mg/kg	U

Thursday, September 20, 2007

Project Manager

Reported by

Brooks Rand LLC

Contact: Amanda Fawley

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Seattle, WA 98107
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Summary of Results for

Windward Environmental

Contact: Marina Mitchell

200 W. Mercer St. Suite 401
Seattle WA 98119
Tel: 206-577-1295

Lab Project # WIN004
Lab Tracking # 07BR1246

As(Inorganic)

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
LDW-07-C1-Comp	07BR1246 - 01	T	9/6/2007	9/7/2007	07-0962	0.610	mg/kg	
LDW-07-C1-Comp-dep	07BR1246 - 02	T	9/6/2007	9/7/2007	07-0962	0.720	mg/kg	
LDW-07-C2-1-Comp	07BR1246 - 03	T	9/6/2007	9/7/2007	07-0962	2.750	mg/kg	
LDW-07-C2-1-Comp-dep	07BR1246 - 04	T	9/6/2007	9/7/2007	07-0962	1.130	mg/kg	
LDW-07-C2-2-Comp	07BR1246 - 05	T	9/6/2007	9/7/2007	07-0962	1.730	mg/kg	
LDW-07-C2-2-Comp-dep	07BR1246 - 06	T	9/6/2007	9/7/2007	07-0962	0.920	mg/kg	
LDW-07-C3-1-Comp	07BR1246 - 07	T	9/6/2007	9/7/2007	07-0962	2.220	mg/kg	
LDW-07-C3-1-Comp-dep	07BR1246 - 08	T	9/6/2007	9/7/2007	07-0962	1.700	mg/kg	
LDW-07-C3-2-Comp	07BR1246 - 09	T	9/6/2007	9/7/2007	07-0962	1.580	mg/kg	
LDW-07-C3-2-Comp-dep	07BR1246 - 10	T	9/6/2007	9/7/2007	07-0962	2.340	mg/kg	
LDW-07-C4-Comp	07BR1246 - 11	T	9/6/2007	9/7/2007	07-0962	6.500	mg/kg	N
LDW-07-C4-Comp-dep	07BR1246 - 12	T	9/6/2007	9/7/2007	07-0962	7.600	mg/kg	
LDW-07-C5-Comp	07BR1246 - 13	T	9/6/2007	9/7/2007	07-0962	1.820	mg/kg	
LDW-07-C6-Comp	07BR1246 - 14	T	9/6/2007	9/7/2007	07-0962	4.410	mg/kg	
LDW-07-C6-Comp-dep	07BR1246 - 15	T	9/6/2007	9/7/2007	07-0962	5.720	mg/kg	
LDW-07-C7-Comp	07BR1246 - 16	T	9/6/2007	9/7/2007	07-0963	6.400	mg/kg	
LDW-07-C9-Comp	07BR1246 - 17	T	9/6/2007	9/7/2007	07-0963	2.780	mg/kg	
LDW-07-C9-Comp-dep	07BR1246 - 18	T	9/6/2007	9/7/2007	07-0963	2.470	mg/kg	
LDW-07-C10-2-Comp	07BR1246 - 19	T	9/6/2007	9/7/2007	07-0963	2.080	mg/kg	
LDW-07-C5-comp-dep	07BR1246 - 36	T	9/6/2007	9/7/2007	07-0963	2.170	mg/kg	
LDW-07-C7-comp-dep	07BR1246 - 37	T	9/6/2007	9/7/2007	07-0963	9.300	mg/kg	
LDW-07-C8-comp-dep	07BR1246 - 38	T	9/6/2007	9/7/2007	07-0963	5.700	mg/kg	
LDW-07-C10-2-comp-dep	07BR1246 - 39	T	9/6/2007	9/7/2007	07-0963	3.260	mg/kg	
LDW-07-C8-comp	07BR1246 - 40	T	9/6/2007	9/7/2007	07-0963	4.100	mg/kg	
LDW-07-C11-comp	07BR1246 - 41	T	9/6/2007	9/7/2007	07-0963	1.370	mg/kg	
LDW-07-C10-1-comp	07BR1246 - 42	T	9/6/2007	9/7/2007	07-0963	2.680	mg/kg	
LDW-07-C10-1-Comp-dep	07BR1246 - 45	T	9/6/2007	9/7/2007	07-0963	2.610	mg/kg	
LDW-07-C11-Comp-dep	07BR1246 - 46	T	9/6/2007	9/7/2007	07-0963	1.010	mg/kg	
LDW-07-C12-Comp	07BR1246 - 47	T	9/6/2007	9/7/2007	07-0963	11.300	mg/kg	
LDW-07-C12-Comp-dep	07BR1246 - 48	T	9/6/2007	9/7/2007	07-0963	3.280	mg/kg	

Thursday, September 20, 2007

Project Manager

Reported by
Brooks Rand LLC
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Summary of Results for
Windward Environmental
Contact: Marina Mitchell
200 W. Mercer St, Suite 401
Seattle WA 98119
Tel: 206-577-1295

Lab Project # WIN004
Lab Tracking # 07BR1246

% Solids

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
LDW-07-C1-Comp	07BR1246 - 01	T	9/6/2007	9/12/2007	07-0966	17.820	% Solids	
LDW-07-C1-Comp-dep	07BR1246 - 02	T	9/6/2007	9/12/2007	07-0966	21.210	% Solids	
LDW-07-C2-1-Comp	07BR1246 - 03	T	9/6/2007	9/12/2007	07-0966	19.590	% Solids	
LDW-07-C2-1-Comp-dep	07BR1246 - 04	T	9/6/2007	9/12/2007	07-0966	22.800	% Solids	
LDW-07-C2-2-Comp	07BR1246 - 05	T	9/6/2007	9/12/2007	07-0966	19.550	% Solids	
LDW-07-C2-2-Comp-dep	07BR1246 - 06	T	9/6/2007	9/12/2007	07-0966	18.000	% Solids	
LDW-07-C3-1-Comp	07BR1246 - 07	T	9/6/2007	9/12/2007	07-0966	17.190	% Solids	
LDW-07-C3-1-Comp-dep	07BR1246 - 08	T	9/6/2007	9/12/2007	07-0966	19.650	% Solids	
LDW-07-C3-2-Comp	07BR1246 - 09	T	9/6/2007	9/12/2007	07-0966	16.930	% Solids	
LDW-07-C3-2-Comp-dep	07BR1246 - 10	T	9/6/2007	9/12/2007	07-0966	19.400	% Solids	
LDW-07-C4-Comp	07BR1246 - 11	T	9/6/2007	9/12/2007	07-0966	16.240	% Solids	
LDW-07-C4-Comp-dep	07BR1246 - 12	T	9/6/2007	9/12/2007	07-0966	21.230	% Solids	
LDW-07-C5-Comp	07BR1246 - 13	T	9/6/2007	9/12/2007	07-0966	17.890	% Solids	
LDW-07-C6-Comp	07BR1246 - 14	T	9/6/2007	9/12/2007	07-0966	19.160	% Solids	
LDW-07-C6-Comp-dep	07BR1246 - 15	T	9/6/2007	9/12/2007	07-0966	23.930	% Solids	
LDW-07-C7-Comp	07BR1246 - 16	T	9/6/2007	9/12/2007	07-0967	17.780	% Solids	
LDW-07-C9-Comp	07BR1246 - 17	T	9/6/2007	9/12/2007	07-0967	19.900	% Solids	
LDW-07-C9-Comp-dep	07BR1246 - 18	T	9/6/2007	9/12/2007	07-0967	21.740	% Solids	
LDW-07-C10-2-Comp	07BR1246 - 19	T	9/6/2007	9/12/2007	07-0967	15.370	% Solids	
LDW-07-C1-S	07BR1246 - 20	T	9/6/2007	9/7/2007	07-0943	79.850	% Solids	
LDW-07-C2-1-S	07BR1246 - 21	T	9/6/2007	9/7/2007	07-0943	72.850	% Solids	
LDW-07-C2-2-S	07BR1246 - 22	T	9/6/2007	9/7/2007	07-0943	72.850	% Solids	
LDW-07-C3-1-S	07BR1246 - 23	T	9/6/2007	9/7/2007	07-0943	77.310	% Solids	
LDW-07-C3-2-S	07BR1246 - 24	T	9/6/2007	9/7/2007	07-0943	75.840	% Solids	
LDW-07-C4-S	07BR1246 - 25	T	9/6/2007	9/7/2007	07-0943	73.760	% Solids	
LDW-07-C5-S	07BR1246 - 26	T	9/6/2007	9/7/2007	07-0943	71.060	% Solids	
LDW-07-C6-S	07BR1246 - 27	T	9/6/2007	9/7/2007	07-0943	70.970	% Solids	
LDW-07-C7-S	07BR1246 - 28	T	9/6/2007	9/7/2007	07-0943	80.260	% Solids	
LDW-07-C9-S	07BR1246 - 29	T	9/6/2007	9/7/2007	07-0943	74.710	% Solids	
LDW-07-C10-2-S	07BR1246 - 30	T	9/6/2007	9/7/2007	07-0943	72.830	% Solids	
LDW-07-C10-2-S-FD	07BR1246 - 31	T	9/6/2007	9/7/2007	07-0943	70.650	% Solids	
LDW-07-C8-S	07BR1246 - 33	T	9/6/2007	9/7/2007	07-0943	62.420	% Solids	
LDW-07-C11-S	07BR1246 - 34	T	9/6/2007	9/7/2007	07-0943	75.310	% Solids	
LDW-07-C10-1-S	07BR1246 - 35	T	9/6/2007	9/7/2007	07-0943	68.850	% Solids	
LDW-07-C5-comp-dep	07BR1246 - 36	T	9/6/2007	9/12/2007	07-0967	21.100	% Solids	
LDW-07-C7-comp-dep	07BR1246 - 37	T	9/6/2007	9/12/2007	07-0967	20.270	% Solids	
LDW-07-C8-comp-dep	07BR1246 - 38	T	9/6/2007	9/12/2007	07-0967	22.160	% Solids	
LDW-07-C10-2-comp-dep	07BR1246 - 39	T	9/6/2007	9/12/2007	07-0967	22.300	% Solids	
LDW-07-C8-comp	07BR1246 - 40	T	9/6/2007	9/12/2007	07-0967	15.760	% Solids	
LDW-07-C11-comp	07BR1246 - 41	T	9/6/2007	9/12/2007	07-0967	18.280	% Solids	
LDW-07-C10-1-comp	07BR1246 - 42	T	9/6/2007	9/12/2007	07-0967	18.520	% Solids	
LDW-07-C10-1-Comp-dep	07BR1246 - 45	T	9/6/2007	9/12/2007	07-0967	21.100	% Solids	
LDW-07-C11-Comp-dep	07BR1246 - 46	T	9/6/2007	9/12/2007	07-0967	24.270	% Solids	
LDW-07-C12-Comp	07BR1246 - 47	T	9/6/2007	9/12/2007	07-0967	18.510	% Solids	
LDW-07-C12-Comp-dep	07BR1246 - 48	T	9/6/2007	9/12/2007	07-0967	22.330	% Solids	
LDW-07-C12-S	07BR1246 - 49	T	9/6/2007	9/7/2007	07-0943	60.920	% Solids	

Thursday, September 20, 2007

Project Manager

QUALITY ASSURANCE SUMMARY

BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: **07-0964**

Method #: **EPA 1638 Mod. (ICP-MS)**

Analyte: **As**

Matrix: **Biota (Bivalve)**

BIAS *Criteria: Recovery = 75-125%*
Laboratory Fortified Blank (LFB)

Analyte	*Certified Value mg/kg*	*Measured Value mg/kg*	*Recovery %*
As	5.00	4.83	97%

BIAS *Criteria: Recovery = 75-125%*
Certified Reference Materials (CRM)

	DORM-2			DOLT-3		
Analyte	*Certified Value mg/kg*	*Measured Value mg/kg*	*Recovery %*	*Certified Value mg/kg*	*Measured Value mg/kg*	*Recovery %*
As	18.0	17.3	96%	10.2	8.9	88%

BIAS *Criteria: Recovery = 75-125%, RPD <25%*
Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD) for As

		Matrix Spike			*Matrix Spike Duplicate*			
Sample ID	*Sample Value mg/kg*	*Spiked Value mg/kg*	*Measured Value mg/kg*	*MS Recovery %*	*Spiked Value mg/kg*	*Measured Value mg/kg*	*MSD Recovery %*	*Duplicate RPD*
07BR1246-01	2.37	4.91	6.50	84%	4.98	7.09	95%	9%
07BR1246-11	10.15	19.76	28.29	92%	19.65	28.07	91%	1%

PRECISON *Criteria: RPD<30% or results +/-PQL if <5x PQL*
Method Duplicate Analysis (MD) for As

Sample ID	*Sample Value mg/kg*	*Duplicate Value mg/kg*	*Average Value mg/kg*	*Duplicate RPD*
07BR1246-01	2.37	2.09	2.23	13%
07BR1246-11	10.15	8.43	9.29	19%

Method Blanks (MB) *Criteria: Avg. < PQL and StDev < MDL or < 1/10th sample result*

							Detection Limits	
Analyte	*MB1 mg/kg*	*MB2 mg/kg*	*MB3 mg/kg*	*MB4 mg/kg*	*Average mg/kg*	*StDev mg/kg*	*MDL mg/kg*	*PQL mg/kg*
As	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.11	0.30

Quality Assurance Officer

Project Manager

9/17/2007

QUALITY ASSURANCE SUMMARY

BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: **07-0965-1**

Method #: **EPA 1638 Mod. (ICP-MS)**

Analyte: **As**

Matrix: **Biota (Bivalve)**

BIAS *Criteria: Recovery = 75-125%*
Laboratory Fortified Blank (LFB)

Analyte	*Certified Value mg/kg*	*Measured Value mg/kg*	*Recovery %*
As	10.00	8.97	90%

BIAS *Criteria: Recovery = 75-125%*
Certified Reference Materials (CRM)

	DORM-2			DOLT-3		
Analyte	*Certified Value mg/kg*	*Measured Value mg/kg*	*Recovery %*	*Certified Value mg/kg*	*Measured Value mg/kg*	*Recovery %*
As	18.0	16.8	94%	10.2	9.0	88%

BIAS *Criteria: Recovery = 75-125%, RPD <25%*
Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD) for As

		Matrix Spike			*Matrix Spike Duplicate*			
Sample ID	*Sample Value mg/kg*	*Spiked Value mg/kg*	*Measured Value mg/kg*	*MS Recovery %*	*Spiked Value mg/kg*	*Measured Value mg/kg*	*MSD Recovery %*	*Duplicate RPD*
07BR1246-37	10.60	18.83	27.53	90%	19.42	31.12	106%	12%
07BR1246-45	4.88	9.69	13.96	94%	9.19	14.75	107%	6%

PRECISON *Criteria: RPD<30% or results +/-PQL if <5x PQL*
Method Duplicate Analysis (MD) for As

Sample ID	*Sample Value mg/kg*	*Duplicate Value mg/kg*	*Average Value mg/kg*	*Duplicate RPD*
07BR1246-37	10.60	12.41	11.50	16%
07BR1246-45	4.88	4.46	4.67	9%

Method Blanks (MB) *Criteria: Avg. < PQL and StDev < MDL or < 1/10th sample result*

							Detection Limits	
Analyte	*MB1 mg/kg*	*MB2 mg/kg*	*MB3 mg/kg*	*MB4 mg/kg*	*Average mg/kg*	*StDev mg/kg*	*MDL mg/kg*	*PQL mg/kg*
As	-0.01	-0.01	-0.05	0.00	-0.02	0.02	0.11	0.30

Quality Assurance Officer

Project Manager

9/25/2007

QUALITY ASSURANCE SUMMARY

Brooks Rand Report #07BR1246

BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: 07-0962 / 07-0963

Method #: BR-0021

Analyte: As(In)

Matrix: Biota

BIAS *Criteria: Recovery = 70-130%*
Independent Calibration Verification (ICV)
Continuing Calibration Verification (CCV)

QCS ID	Certified Value µg/L	Measured Value µg/L	Recovery %
ICV1	0.250	0.259	104%
CCV1	0.250	0.258	103%
CCV2	0.250	0.273	109%
CCV3	0.250	0.279	112%
CCV4	0.250	0.276	111%

BIAS *Criteria: Recovery = 70-130%*
Laboratory Fortified Blank (LFB)

QCS ID	Certified Value µg/L	Measured Value µg/L	Recovery %
LFB-1	1.000	0.938	94%
LFB-2	10.00	9.50	95%

BIAS *Criteria: Recovery = 65-135%, RPD<35%*
Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)

Sample ID	Sample Value mg/kg	Matrix Spike: Spiked Value mg/kg	Matrix Spike: Measured Value mg/kg	Matrix Spike: MS Recovery %	Matrix Spike Duplicate: Spiked Value mg/kg	Matrix Spike Duplicate: Measured Value mg/kg	Matrix Spike Duplicate: MSD Recovery %	Duplicate RPD
07BR1246-01	0.61	0.30	0.95	114%	0.30	0.80	63%	18%
07BR1246-01*					0.30	0.94	108%	2%
07BR1246-11	6.5	9.8	12.7	63%	9.9	13.2	67%	4%
07BR1246-38	5.7	3.8	8.5	74%	4.0	8.7	76%	2%

* Reanalysis of MSD (original % recovery outside control limits). See narrative.

BIAS *Criteria: Recovery = 70-130%*
Post Preparation Spike Analysis (PPS)

Sample ID	Sample Value mg/kg	Spiked Value mg/kg	Measured Value mg/kg	PPS Recovery %
07BR1246-01	0.61	1.98	2.42	91%
07BR1246-11	6.5	19.4	27.5	108%
07BR1246-38	5.7	7.7	12.2	85%

PRECISION *Criteria: RPD<35% or +/-2xPQL if <5xPQL*
Method Duplicate Analysis (MD)

Sample ID	Sample Value mg/kg	Duplicate Value mg/kg	Average Value mg/kg	RPD
07BR1246-01	0.61	0.77	0.69	23%
07BR1246-11	6.5	6.8	6.7	3%
07BR1246-38	5.7	6.8	6.3	18%

Method Blanks (MB)
Criteria: Avg. < 2x MDL & StDev < 2/3 MDL or < 1/10th sample

MB1 mg/kg	MB2 mg/kg	MB3 mg/kg	MB4 mg/kg	Average mg/kg	StDev mg/kg
0.001	0.001	0.001	0.001	0.001	0.000

Method Detection Limits

MDL mg/kg	PQL mg/kg
0.003	0.010

Sample Specific Detection Limits

Sample ID	MDL mg/kg	PQL mg/kg
07BR1246-01	0.06	0.20
07BR1246-02	0.03	0.10
07BR1246-03	0.06	0.19
07BR1246-04	0.06	0.20
07BR1246-05	0.06	0.20
07BR1246-06	0.06	0.20
07BR1246-07	0.06	0.20
07BR1246-08	0.06	0.20
07BR1246-09	0.06	0.20
07BR1246-10	0.06	0.19
07BR1246-11	0.2	0.8
07BR1246-12	0.2	0.8
07BR1246-13	0.06	0.20
07BR1246-14	0.12	0.40
07BR1246-15	0.12	0.40

Sample Specific Detection Limits

Sample ID	MDL mg/kg	PQL mg/kg
07BR1246-16	0.2	0.8
07BR1246-17	0.06	0.20
07BR1246-18	0.06	0.19
07BR1246-19	0.06	0.20
07BR1246-36	0.06	0.20
07BR1246-37	0.2	0.8
07BR1246-38	0.2	0.8
07BR1246-39	0.06	0.19
07BR1246-40	0.2	0.8
07BR1246-41	0.11	0.38
07BR1246-42	0.12	0.40
07BR1246-45	0.12	0.38
07BR1246-46	0.03	0.10
07BR1246-47	1.2	4.0
07BR1246-48	0.12	0.39

Nicole C. Mead
Quality Assurance Officer

Project Manager

QUALITY ASSURANCE SUMMARY

BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: 07-0942

Method #: EPA 1638 Mod. (ICP-MS)

Analytes: Arsenic

Matrix: Sediment

BIAS *Criteria: Recovery = 75-125%*
Certified Reference Materials (CRM)

CRM ID	*Certified Value mg/kg*	*Measured Value mg/kg*	*Recovery %*
MESS-3	21.2	21.1	100%
NIST-2709	17.7	18.4	104%
NIST-2710	626	713	114%

BIAS *Criteria: Recovery = 70-130%, RPD <30%*
Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)

		Matrix Spike			*Matrix Spike Duplicate*			
Sample ID	*Sample Value mg/kg*	*Spiked Value mg/kg*	*Measured Value mg/kg*	*MS Recovery %*	*Spiked Value mg/kg*	*Measured Value mg/kg*	*MSD Recovery %*	*Duplicate RPD*
07BR1246-20	3.8	9.8	14.4	109%	9.9	15.0	113%	4%
07BR1246-30	5.9	29.4	32.9	92%	29.2	33.7	95%	3%

BIAS *Criteria: RPD <30% or +/-2xPQL if results <5xPQL*
Method Duplicate Analysis (MD)

Analyte	*Sample Value mg/kg*	*Duplicate Value mg/kg*	*Average Value mg/kg*	*RPD*
07BR1246-20	3.8	4.0	3.9	7%
07BR1246-30	5.9	5.9	5.9	1%

These values are wet weight. % solids for 07BR1246-20 = 79.850 and 07BR1246-30 = 72.830.
Dry weight for *-20 = 4.759 and *20-Dup = 5.009.
Dry weight for *-30 = *8.101* and *20-Dup = *8.101*.

Method Blanks (MB) *Criteria: Avg. < PQL and StDev < MDL or < 1/10th sample result*

							Detection Limits	
Analyte	*MB1 mg/kg*	*MB2 mg/kg*	*MB3 mg/kg*	*MB4 mg/kg*	*Average mg/kg*	*StDev mg/kg*	*MDL mg/kg*	*PQL mg/kg*
As	-0.1	-0.2	-0.1	-0.1	-0.11	0.06	0.4	1.2

Quality Assurance Officer

Project Manager

9/14/2007

QUALITY ASSURANCE SUMMARY

BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: 07-0966 / 07-0967

Method #: EPA 160.3

Analyte: % Solids

Matrix: Biota

PRECISION *Criteria: RPD≤ 15% or +/-2xPQL if results <5xPQL*
Method Duplicate Analysis (MD)

Sample ID	*Sample Value % Solids*	*Duplicate Value % Solids*	*Average Value % Solids*	*RPD*
07BR1246-02	21.21	22.32	21.77	5%
07BR1246-11	16.24	16.21	16.23	0%
07BR1246-38	22.16	22.01	22.09	1%

Method Blanks (MB)
Criteria: < MDL or < 1/10th sample

MB1 % Solids	*MB2 % Solids*	*Average % Solids*	*StDev % Solids*
0.00	0.00	0.00	0.00

Detection Limits	
MDL % Solids	*PQL % Solids*
0.08	0.25

Note: MDL/PQL is based on representative weight used in the analysis of the samples.

Nicole C. Mead
Quality Assurance Officer

Project Manager

9/14/2007

QUALITY ASSURANCE SUMMARY

BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: **07-0943**

Method #: **EPA 160.3**

Analyte: **% Solids**

Matrix: **Sediment**

PRECISION *Criteria: RPD≤ 15% or +/-2xPQL if results <5xPQL*
Method Duplicate Analysis (MD)

Sample ID	*Sample Value % Solids*	*Duplicate Value % Solids*	*Average Value % Solids*	*RPD*
07BR1246-20	79.85	77.50	78.67	3%
07BR1246-33	62.42	65.64	64.03	5%

Method Blanks (MB)
Criteria: < MDL or < 1/10th sample

MB1 % Solids	*MB2 % Solids*	*Average % Solids*	*StDev % Solids*
-0.02	-0.02	-0.02	0.00

Detection Limits

MDL % Solids	*PQL % Solids*
0.06	0.20

Note: MDL/PQL is based on representative weight used in the analysis of the samples.

Nicole C. Mead
Quality Assurance Officer

Project Manager

9/13/2007

Fish and Crab Total Solids

INORGANICS ANALYSIS DATA SHEET
Total Solids by Method EPA 160.3

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized:
Reported: 11/17/07
Date Received: 10/15/07
Page 1 of 2

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-M-DC-EM-comp1 LT29A 07-21583	09/07/07	Tissue	11/08/07	0.01	15.80
LDW-07-T3-M-DC-EM-comp1 LT29B 07-21584	09/05/07	Tissue	11/08/07	0.01	17.94
LDW-07-T3-M-DC-EM-comp2 LT29C 07-21585	09/05/07	Tissue	11/08/07	0.01	18.67
LDW-07-T3-M-DC-EM-comp3 LT29D 07-21586	09/05/07	Tissue	11/08/07	0.01	19.71
LDW-07-T1-M-SC-EM-comp1 LT29E 07-21587	09/04/07	Tissue	11/08/07	0.01	20.96
LDW-07-T1-M-SC-EM-comp2 LT29F 07-21588	09/06/07	Tissue	11/08/07	0.01	21.07
LDW-07-T1-M-SC-EM-comp3 LT29G 07-21589	09/04/07	Tissue	11/08/07	0.01	21.71
LDW-07-T2-M-SC-EM-comp1 LT29H 07-21590	09/04/07	Tissue	11/08/07	0.01	20.86
LDW-07-T2-M-SC-EM-comp2 LT29I 07-21591	09/04/07	Tissue	11/08/07	0.01	19.34
LDW-07-T2-M-SC-EM-comp3 LT29J 07-21592	09/04/07	Tissue	11/08/07	0.01	21.03
LDW-07-T1-M-DC-HP-comp1 LT29K 07-21593	09/07/07	Tissue	11/08/07	0.01	15.42
LDW-07-T3-M-DC-HP-comp1 LT29L 07-21594	09/05/07	Tissue	11/08/07	0.01	17.54
LDW-07-T3-M-DC-HP-comp2 LT29M 07-21595	09/05/07	Tissue	11/08/07	0.01	20.40
LDW-07-T3-M-DC-HP-comp3 LT29N 07-21596	09/05/07	Tissue	11/08/07	0.01	24.61
LDW-07-T1-M-SC-HP-comp1 LT29O 07-21597	09/04/07	Tissue	11/08/07	0.01	13.00

INORGANICS ANALYSIS DATA SHEET
Total Solids by Method EPA 160.3

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized:
Reported: 11/17/07
Date Received: 10/15/07
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QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-M-SC-HP-comp2 LT29P 07-21598	09/06/07	Tissue	11/08/07	0.01	19.09
LDW-07-T1-M-SC-HP-comp3 LT29Q 07-21599	09/04/07	Tissue	11/08/07	0.01	13.36
LDW-07-T2-M-SC-HP-comp1 LT29R 07-21600	09/04/07	Tissue	11/08/07	0.01	11.66
LDW-07-T2-M-SC-HP-comp2 LT29S 07-21601	09/04/07	Tissue	11/08/07	0.01	14.76
LDW-07-T2-M-SC-HP-comp3 LT29T 07-21602	09/04/07	Tissue	11/08/07	0.01	16.37

Reported in Percent

RL-Analytical reporting limit
U-Undetected at reported detection limit

INORGANICS ANALYSIS DATA SHEET
Total Solids by Method EPA 160.3

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized: BMS
Reported: 12/12/07
Date Received: 10/15/07
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QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-M-ES-FL-comp1 LT30A 07-21612	09/04/07	Tissue	12/12/07	0.01	24.11
LDW-07-T1-M-ES-FL-comp2 LT30B 07-21613	09/04/07	Tissue	12/12/07	0.01	23.87
LDW-07-T1-M-ES-FL-comp3 LT30C 07-21614	09/04/07	Tissue	12/12/07	0.01	22.50
LDW-07-T2-A-ES-FL-comp1 LT30D 07-21615	09/04/07	Tissue	12/12/07	0.01	23.17
LDW-07-T2-A-ES-FL-comp2 LT30E 07-21616	09/04/07	Tissue	12/12/07	0.01	22.56
LDW-07-T2-A-ES-FL-comp3 LT30F 07-21617	09/04/07	Tissue	12/12/07	0.01	23.02
LDW-07-T3-M-ES-FL-comp1 LT30G 07-21618	09/06/07	Tissue	12/12/07	0.01	23.82
LDW-07-T3-M-ES-FL-comp2 LT30H 07-21619	09/05/07	Tissue	12/12/07	0.01	22.78
LDW-07-T3-M-ES-FL-comp3 LT30I 07-21620	09/05/07	Tissue	12/12/07	0.01	19.64

Reported in Percent

RL-Analytical reporting limit
U-Undetected at reported detection limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
Total Solids by Method EPA 160.3

Data Release Authorized:
Reported: 12/12/07
Date Received: 10/15/07
Page 1 of 1

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-M-ES-WB-comp1 LT31A 07-21627	09/04/07	Tissue	11/17/07	0.01	23.27
LDW-07-T1-M-ES-WB-comp2 LT31B 07-21628	09/04/07	Tissue	11/17/07	0.01	25.99
LDW-07-T1-M-ES-WB-comp3 LT31C 07-21629	09/04/07	Tissue	11/17/07	0.01	25.48
LDW-07-T1-M-ES-WB-comp4 LT31D 07-21630	09/06/07	Tissue	11/17/07	0.01	27.81
LDW-07-T1-M-ES-WB-comp5 LT31E 07-21631	09/04/07	Tissue	11/17/07	0.01	24.66
LDW-07-T1-M-ES-WB-comp6 LT31F 07-21632	09/04/07	Tissue	11/17/07	0.01	26.95
LDW-07-T2-A-ES-WB-comp1 LT31G 07-21633	09/04/07	Tissue	11/17/07	0.01	26.63
LDW-07-T2-A-ES-WB-comp2 LT31H 07-21634	09/04/07	Tissue	11/17/07	0.01	29.45
LDW-07-T2-A-ES-WB-comp3 LT31I 07-21635	09/04/07	Tissue	11/17/07	0.01	27.42
LDW-07-T2-A-ES-WB-comp4 LT31J 07-21636	09/04/07	Tissue	11/17/07	0.01	28.33
LDW-07-T2-A-ES-WB-comp5 LT31K 07-21637	09/04/07	Tissue	11/17/07	0.01	24.13
LDW-07-T2-A-ES-WB-comp6 LT31L 07-21638	09/04/07	Tissue	11/17/07	0.01	26.49

Reported in Percent

RL-Analytical reporting limit
U-Undetected at reported detection limit

INORGANICS ANALYSIS DATA SHEET
Total Solids by Method EPA 160.3

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized:
Reported: 11/28/07
Date Received: 10/15/07
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QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T3-M-ES-WB-comp1 LT32A 07-21641	09/05/07	Tissue	11/26/07	0.01	23.03
LDW-07-T3-M-ES-WB-comp2 LT32B 07-21642	09/05/07	Tissue	11/26/07	0.01	20.47
LDW-07-T3-M-ES-WB-comp3 LT32C 07-21643	09/05/07	Tissue	11/26/07	0.01	26.44
LDW-07-T3-M-ES-WB-comp4 LT32D 07-21644	09/05/07	Tissue	11/26/07	0.01	27.55
LDW-07-T3-M-ES-WB-comp5 LT32E 07-21645	09/05/07	Tissue	11/26/07	0.01	27.55
LDW-07-T3-M-ES-WB-comp6 LT32F 07-21646	09/05/07	Tissue	11/26/07	0.01	21.56
LDW-07-T4-M-ES-WB-comp1 LT32G 07-21647	09/12/07	Tissue	11/26/07	0.01	23.04
LDW-07-T4-M-SF-FL-comp1 LT32H 07-21648	09/12/07	Tissue	11/26/07	0.01	20.81
LDW-07-T4-M-SF-WB-comp1 LT32I 07-21649	09/12/07	Tissue	11/26/07	0.01	21.45
LDW-07-T4-M-SF-WB-comp2 LT32J 07-21650	09/12/07	Tissue	11/26/07	0.01	18.21
LDW-07-T4-M-SF-WB-comp3 LT32K 07-21651	09/11/07	Tissue	11/26/07	0.01	21.04

Reported in Percent

RL-Analytical reporting limit
U-Undetected at reported detection limit

INORGANICS ANALYSIS DATA SHEET
Total Solids by Method EPA 160.3

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized:
Reported: 12/01/07
Date Received: 10/15/07
Page 1 of 2

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-A-SS-WB-comp1 LT33A 07-21653	09/04/07	Tissue	12/01/07	0.01	24.58
LDW-07-T1-B-SS-WB-comp1 LT33B 07-21654	09/07/07	Tissue	12/01/07	0.01	23.82
LDW-07-T1-C-SS-WB-comp1 LT33C 07-21655	09/07/07	Tissue	12/01/07	0.01	25.68
LDW-07-T1-D-SS-WB-comp1 LT33D 07-21656	09/07/07	Tissue	12/01/07	0.01	25.79
LDW-07-T1-E-SS-WB-comp1 LT33E 07-21657	09/06/07	Tissue	12/01/07	0.01	25.74
LDW-07-T1-F-SS-WB-comp1 LT33F 07-21658	09/06/07	Tissue	12/01/07	0.01	26.06
LDW-07-T2-A-SS-WB-comp1 LT33G 07-21659	09/04/07	Tissue	12/01/07	0.01	24.30
LDW-07-T2-B-SS-WB-comp1 LT33H 07-21660	09/04/07	Tissue	12/01/07	0.01	25.47
LDW-07-T2-C-SS-WB-comp1 LT33I 07-21661	09/04/07	Tissue	12/01/07	0.01	24.38
LDW-07-T2-D-SS-WB-comp1 LT33J 07-21662	09/04/07	Tissue	12/01/07	0.01	26.67
LDW-07-T2-E-SS-WB-comp1 LT33K 07-21663	09/04/07	Tissue	12/01/07	0.01	25.10
LDW-07-T2-F-SS-WB-comp1 LT33L 07-21664	09/04/07	Tissue	12/01/07	0.01	24.15
LDW-07-T3-A-SS-WB-comp1 LT33M 07-21665	09/05/07	Tissue	12/01/07	0.01	24.04
LDW-07-T3-B-SS-WB-comp1 LT33N 07-21666	09/05/07	Tissue	12/01/07	0.01	25.86
LDW-07-T3-C-SS-WB-comp1 LT33O 07-21667	09/06/07	Tissue	12/01/07	0.01	25.61

INORGANICS ANALYSIS DATA SHEET
Total Solids by Method EPA 160.3

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized:
Reported: 12/01/07
Date Received: 10/15/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T3-D-SS-WB-comp1 LT33P 07-21668	09/06/07	Tissue	12/01/07	0.01	27.42
LDW-07-T3-E-SS-WB-comp1 LT33Q 07-21669	09/05/07	Tissue	12/01/07	0.01	25.78
LDW-07-T3-F-SS-WB-comp1 LT33R 07-21670	09/05/07	Tissue	12/01/07	0.01	24.87

Reported in Percent

RL-Analytical reporting limit
U-Undetected at reported detection limit

INORGANICS ANALYSIS DATA SHEET
Total Solids by Method EPA 160.3

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized:
Reported: 12/07/07
Date Received: 10/15/07
Page 1 of 1

QC Report No: LT34-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T4-A-SS-WB-comp1 LT34A 07-21673	09/05/07	Tissue	12/04/07	0.01	25.41
LDW-07-T4-B-SS-WB-comp1 LT34B 07-21674	09/05/07	Tissue	12/04/07	0.01	24.38
LDW-07-T4-C-SS-WB-comp1 LT34C 07-21675	09/05/07	Tissue	12/04/07	0.01	24.91
LDW-07-T4-D-SS-WB-comp1 LT34D 07-21676	09/05/07	Tissue	12/04/07	0.01	26.09

Reported in Percent

RL-Analytical reporting limit
U-Undetected at reported detection limit

Lipids

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized:
Reported: 10/15/07
Date Received: 09/10/07
Page 1 of 2

QC Report No: LO75-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll
04-08-06-22

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-C1-comp LO75A 07-18848	08/25/07	Tissue	10/10/07	0.0010	0.689 %
LDW-07-C1-comp-dep LO75B 07-18849	08/25/07	Tissue	10/10/07	0.0010	0.679 %
LDW-07-C2-2-comp LO75C 07-18850	08/25/07	Tissue	10/10/07	0.0010	0.599 %
LDW-07-C2-2-comp-dep LO75D 07-18851	08/25/07	Tissue	10/10/07	0.0010	0.886 %
LDW-07-C3-1-comp LO75E 07-18852	08/24/07	Tissue	10/10/07	0.0010	0.747 %
LDW-07-C3-1-comp-dep LO75F 07-18853	08/24/07	Tissue	10/10/07	0.0010	0.619 %
LDW-07-C3-2-comp LO75G 07-18854	08/24/07	Tissue	10/10/07	0.0010	0.687 %
LDW-07-C3-2-comp-dep LO75H 07-18855	08/24/07	Tissue	10/10/07	0.0010	0.770 %
LDW-07-C4-comp LO75I 07-18856	08/25/07	Tissue	10/10/07	0.0010	0.680 %
LDW-07-C4-comp-dep LO75J 07-18857	08/25/07	Tissue	10/10/07	0.0010	0.766 %
LDW-07-C5-comp LO75K 07-18858	08/26/07	Tissue	10/10/07	0.0010	0.850 %
LDW-07-C5-comp-dep LO75L 07-18859	08/26/07	Tissue	10/10/07	0.0010	0.848 %
LDW-07-C10-2-comp LO75M 07-18860	08/26/07	Tissue	10/10/07	0.0010	0.740 %
LDW-07-C10-2-comp-dep LO75N 07-18861	08/26/07	Tissue	10/10/07	0.0010	1.02 %
LDW-07-C11-comp LO75O 07-18862	08/27/07	Tissue	10/10/07	0.0010	0.876 %

ANALYTICAL RESOURCES INCORPORATED

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

Data Release Authorized:
Reported: 10/15/07
Date Received: 09/10/07
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QC Report No: LO75-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll
04-08-06-22

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-C11-comp-dep LO75P 07-18863	08/27/07	Tissue	10/10/07	0.0010	1.01 %
LDW-07-C12-comp LO75Q 07-18864	08/28/07	Tissue	10/10/07	0.0010	0.790 %
LDW-07-C12-comp-dep LO75R 07-18865	08/28/07	Tissue	10/10/07	0.0010	0.926 %
Method Blank			10/10/07	0.0010	< 0.0010 % U
LDW-07-C1-comp DUP LO75ADUP 07-18848	08/25/07	Tissue	10/10/07	0.0010	0.680 % RPD: 1.3 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

ANALYTICAL RESOURCES INCORPORATED

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

Data Release Authorized:
Reported: 10/01/07
Date Received: 09/10/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll
07-08-06-22

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-C2-1-comp LO74A 07-18836	08/24/07	Tissue	09/25/07	0.0020	0.739 %
LDW-07-C2-1-comp-dep LO74B 07-18837	08/24/07	Tissue	09/25/07	0.0020	0.835 %
LDW-07-C6-comp LO74C 07-18838	08/25/07	Tissue	09/25/07	0.0020	0.817 %
LDW-07-C6-comp-dep LO74D 07-18839	08/25/07	Tissue	09/25/07	0.0020	0.878 %
LDW-07-C7-comp LO74E 07-18840	08/26/07	Tissue	09/25/07	0.0020	0.954 %
LDW-07-C7-comp-dep LO74F 07-18841	08/26/07	Tissue	09/25/07	0.0020	0.755 %
LDW-07-C8-comp LO74G 07-18842	08/26/07	Tissue	09/25/07	0.0020	0.775 %
LDW-07-C8-comp-dep LO74H 07-18843	08/26/07	Tissue	09/25/07	0.0020	0.974 %
LDW-07-C9-comp LO74I 07-18844	08/25/07	Tissue	09/25/07	0.0020	0.994 %
LDW-07-C9-comp-dep LO74J 07-18845	08/25/07	Tissue	09/25/07	0.0020	1.10 %
LDW-07-C10-1-comp LO74K 07-18846	08/27/07	Tissue	09/25/07	0.0020	0.858 %

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LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

Data Release Authorized:
Reported: 10/01/07
Date Received: 09/10/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll
07-08-06-22

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-C10-1-comp-dep LO74L 07-18847	08/27/07	Tissue	09/25/07	0.0020	0.920 %
Method Blank			09/25/07	0.0020	< 0.0020 % U
Method Blank			09/25/07	0.0020	< 0.0020 % U
LDW-07-C9-comp DUP LO74IDUP 07-18844	08/25/07	Tissue	09/25/07	0.0020	1.08 % RPD: 8.3 %
LDW-07-C9-comp TRP LO74ITRP 07-18844	08/25/07	Tissue	09/25/07	0.0020	1.04 % RPD: 4.5 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

ANALYTICAL RESOURCES INCORPORATED

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

Data Release Authorized:
Reported: 11/19/07
Date Received: 10/15/07
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QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-M-DC-EM-comp1 LT29A 07-21583	09/07/07	Tissue	11/13/07	0.0004	0.440 %
LDW-07-T3-M-DC-EM-comp1 LT29B 07-21584	09/05/07	Tissue	11/13/07	0.0004	0.508 %
LDW-07-T3-M-DC-EM-comp2 LT29C 07-21585	09/05/07	Tissue	11/13/07	0.0004	0.644 %
LDW-07-T3-M-DC-EM-comp3 LT29D 07-21586	09/05/07	Tissue	11/13/07	0.0004	0.528 %
LDW-07-T1-M-SC-EM-comp1 LT29E 07-21587	09/04/07	Tissue	11/13/07	0.0004	0.444 %
LDW-07-T1-M-SC-EM-comp2 LT29F 07-21588	09/06/07	Tissue	11/13/07	0.0004	0.428 %
LDW-07-T1-M-SC-EM-comp3 LT29G 07-21589	09/04/07	Tissue	11/13/07	0.0004	0.408 %
LDW-07-T2-M-SC-EM-comp1 LT29H 07-21590	09/04/07	Tissue	11/13/07	0.0004	0.592 %
LDW-07-T2-M-SC-EM-comp2 LT29I 07-21591	09/04/07	Tissue	11/13/07	0.0004	0.452 %
LDW-07-T2-M-SC-EM-comp3 LT29J 07-21592	09/04/07	Tissue	11/13/07	0.0004	0.628 %
Method Blank			11/13/07	0.0004	< 0.0004 % U
Method Blank			11/13/07	0.0004	0.0040 %
LDW-07-T3-M-DC-EM-comp3 DUP LT29DDUP 07-21586	09/05/07	Tissue	11/13/07	0.0004	0.516 % RPD: 2.3 %
LDW-07-T3-M-DC-EM-comp3 TRP LT29DTRP 07-21586	09/05/07	Tissue	11/13/07	0.0004	0.552 % RPD: 4.4 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized:
Reported: 11/12/07
Date Received: 10/15/07
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QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-M-DC-HP-comp1 LT29K 07-21593	09/07/07	Tissue	11/09/07	0.0008	3.72 %
LDW-07-T3-M-DC-HP-comp1 LT29L 07-21594	09/05/07	Tissue	11/09/07	0.0008	4.56 %
LDW-07-T3-M-DC-HP-comp2 LT29M 07-21595	09/05/07	Tissue	11/09/07	0.0008	6.00 %
LDW-07-T3-M-DC-HP-comp3 LT29N 07-21596	09/05/07	Tissue	11/09/07	0.0008	6.10 %
LDW-07-T1-M-SC-HP-comp1 LT29O 07-21597	09/04/07	Tissue	11/09/07	0.0008	2.79 %
LDW-07-T1-M-SC-HP-comp2 LT29P 07-21598	09/06/07	Tissue	11/09/07	0.0008	1.71 %
LDW-07-T1-M-SC-HP-comp3 LT29Q 07-21599	09/04/07	Tissue	11/09/07	0.0008	1.64 %
LDW-07-T2-M-SC-HP-comp1 LT29R 07-21600	09/04/07	Tissue	11/09/07	0.0008	3.90 %
LDW-07-T2-M-SC-HP-comp2 LT29S 07-21601	09/04/07	Tissue	11/09/07	0.0008	4.10 %
LDW-07-T2-M-SC-HP-comp3 LT29T 07-21602	09/04/07	Tissue	11/09/07	0.0008	3.07 %
Method Blank			11/09/07	0.0008	< 0.0008 % U
Method Blank			11/09/07	0.0008	0.0080 %
LDW-07-T3-M-DC-HP-comp3 DUP LT29NDUP 07-21596	09/05/07	Tissue	11/09/07	0.0008	7.52 % RPD: 20.9 %
LDW-07-T3-M-DC-HP-comp3 TRP LT29NTRP 07-21596	09/05/07	Tissue	11/09/07	0.0008	7.76 % RPD: 24.0 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

ANALYTICAL RESOURCES INCORPORATED

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QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-M-ES-FL-comp1 LT30A 07-21612	09/04/07	Tissue	11/16/07	0.0008	3.00 %
LDW-07-T1-M-ES-FL-comp2 LT30B 07-21613	09/04/07	Tissue	11/16/07	0.0008	4.11 %
LDW-07-T1-M-ES-FL-comp3 LT30C 07-21614	09/04/07	Tissue	11/16/07	0.0008	2.85 %
LDW-07-T2-A-ES-FL-comp1 LT30D 07-21615	09/04/07	Tissue	11/16/07	0.0008	3.14 %
LDW-07-T2-A-ES-FL-comp2 LT30E 07-21616	09/04/07	Tissue	11/16/07	0.0008	2.14 %
LDW-07-T2-A-ES-FL-comp3 LT30F 07-21617	09/04/07	Tissue	11/16/07	0.0008	3.63 %
LDW-07-T3-M-ES-FL-comp1 LT30G 07-21618	09/06/07	Tissue	11/16/07	0.0008	3.26 %
LDW-07-T3-M-ES-FL-comp2 LT30H 07-21619	09/05/07	Tissue	11/16/07	0.0008	2.95 %
LDW-07-T3-M-ES-FL-comp3 LT30I 07-21620	09/05/07	Tissue	11/16/07	0.0008	1.77 %
Method Blank			11/16/07	0.0008	0.0080 %
Method Blank			11/16/07	0.0008	< 0.0008 % U
LDW-07-T3-M-ES-FL-comp2 DUP LT30HDUP 07-21619	09/05/07	Tissue	11/16/07	0.0008	2.79 % RPD: 5.6 %
LDW-07-T3-M-ES-FL-comp2 TRP LT30HTRP 07-21619	09/05/07	Tissue	11/16/07	0.0008	3.16 % RPD: 6.9 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

ANALYTICAL RESOURCES INCORPORATED

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

Data Release Authorized:
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QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-M-ES-WB-comp1 LT31A 07-21627	09/04/07	Tissue	11/26/07	0.0008	4.62 %
LDW-07-T1-M-ES-WB-comp2 LT31B 07-21628	09/04/07	Tissue	11/26/07	0.0008	7.20 %
LDW-07-T1-M-ES-WB-comp3 LT31C 07-21629	09/04/07	Tissue	11/26/07	0.0008	6.85 %
LDW-07-T1-M-ES-WB-comp4 LT31D 07-21630	09/06/07	Tissue	11/26/07	0.0008	6.50 %
LDW-07-T1-M-ES-WB-comp5 LT31E 07-21631	09/04/07	Tissue	11/26/07	0.0008	3.83 %
LDW-07-T1-M-ES-WB-comp6 LT31F 07-21632	09/04/07	Tissue	11/26/07	0.0008	7.22 %
LDW-07-T2-A-ES-WB-comp1 LT31G 07-21633	09/04/07	Tissue	11/26/07	0.0008	5.46 %
LDW-07-T2-A-ES-WB-comp2 LT31H 07-21634	09/04/07	Tissue	11/26/07	0.0008	8.92 %
LDW-07-T2-A-ES-WB-comp3 LT31I 07-21635	09/04/07	Tissue	11/26/07	0.0008	5.82 %
LDW-07-T2-A-ES-WB-comp4 LT31J 07-21636	09/04/07	Tissue	11/26/07	0.0008	8.07 %
LDW-07-T2-A-ES-WB-comp5 LT31K 07-21637	09/04/07	Tissue	11/26/07	0.0008	4.46 %
LDW-07-T2-A-ES-WB-comp6 LT31L 07-21638	09/04/07	Tissue	11/26/07	0.0008	5.82 %
Method Blank			11/26/07	0.0008	< 0.0008 % U
Method Blank			11/26/07	0.0008	0.0080 %
LDW-07-T2-A-ES-WB-comp2 DUP LT31HDUP 07-21634	09/04/07	Tissue	11/26/07	0.0008	8.87 % RPD: 0.6 %
LDW-07-T2-A-ES-WB-comp2 TRP LT31HTRP 07-21634	09/04/07	Tissue	11/26/07	0.0008	9.28 % RPD: 4.0 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

ANALYTICAL RESOURCES INCORPORATED

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

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QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T3-M-ES-WB-comp1 LT32A 07-21641	09/05/07	Tissue	11/27/07	0.0008	4.43 %
LDW-07-T3-M-ES-WB-comp2 LT32B 07-21642	09/05/07	Tissue	11/27/07	0.0008	2.34 %
LDW-07-T3-M-ES-WB-comp3 LT32C 07-21643	09/05/07	Tissue	11/27/07	0.0008	6.59 %
LDW-07-T3-M-ES-WB-comp4 LT32D 07-21644	09/05/07	Tissue	11/27/07	0.0008	10.9 %
LDW-07-T3-M-ES-WB-comp5 LT32E 07-21645	09/05/07	Tissue	11/27/07	0.0008	9.90 %
LDW-07-T3-M-ES-WB-comp6 LT32F 07-21646	09/05/07	Tissue	11/27/07	0.0008	4.40 %
LDW-07-T4-M-ES-WB-comp1 LT32G 07-21647	09/12/07	Tissue	11/27/07	0.0008	4.62 %
LDW-07-T4-M-SF-FL-comp1 LT32H 07-21648	09/12/07	Tissue	11/27/07	0.0008	2.23 %
LDW-07-T4-M-SF-WB-comp1 LT32I 07-21649	09/12/07	Tissue	11/27/07	0.0008	3.29 %
LDW-07-T4-M-SF-WB-comp2 LT32J 07-21650	09/12/07	Tissue	11/27/07	0.0008	0.917 %
LDW-07-T4-M-SF-WB-comp3 LT32K 07-21651	09/11/07	Tissue	11/27/07	0.0008	1.64 %
Method Blank			11/27/07	0.0008	< 0.0008 % U
Method Blank			11/27/07	0.0008	< 0.0008 % U
LDW-07-T3-M-ES-WB-comp3 DUP LT32CDUP 07-21643	09/05/07	Tissue	11/27/07	0.0008	6.91 % RPD: 4.7 %
LDW-07-T3-M-ES-WB-comp3 TRP LT32CTRP 07-21643	09/05/07	Tissue	11/27/07	0.0008	6.48 % RPD: 1.7 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

ANALYTICAL RESOURCES INCORPORATED

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QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T1-A-SS-WB-comp1 LT33A 07-21653	09/04/07	Tissue	11/30/07	0.0020	2.57 %
LDW-07-T1-B-SS-WB-comp1 LT33B 07-21654	09/07/07	Tissue	11/30/07	0.0020	2.20 %
LDW-07-T1-C-SS-WB-comp1 LT33C 07-21655	09/07/07	Tissue	11/30/07	0.0020	4.94 %
LDW-07-T1-D-SS-WB-comp1 LT33D 07-21656	09/07/07	Tissue	11/30/07	0.0020	1.80 %
LDW-07-T1-E-SS-WB-comp1 LT33E 07-21657	09/06/07	Tissue	11/30/07	0.0020	3.99 %
LDW-07-T1-F-SS-WB-comp1 LT33F 07-21658	09/06/07	Tissue	11/30/07	0.0020	3.30 %
LDW-07-T2-A-SS-WB-comp1 LT33G 07-21659	09/04/07	Tissue	11/30/07	0.0020	2.90 %
LDW-07-T2-B-SS-WB-comp1 LT33H 07-21660	09/04/07	Tissue	11/30/07	0.0020	4.40 %
LDW-07-T2-C-SS-WB-comp1 LT33I 07-21661	09/04/07	Tissue	11/30/07	0.0020	3.32 %
LDW-07-T2-D-SS-WB-comp1 LT33J 07-21662	09/04/07	Tissue	11/30/07	0.0020	4.86 %
LDW-07-T2-E-SS-WB-comp1 LT33K 07-21663	09/04/07	Tissue	11/30/07	0.0020	4.46 %
LDW-07-T2-F-SS-WB-comp1 LT33L 07-21664	09/04/07	Tissue	11/30/07	0.0020	4.31 %
LDW-07-T3-A-SS-WB-comp1 LT33M 07-21665	09/05/07	Tissue	11/30/07	0.0020	3.70 %
LDW-07-T3-B-SS-WB-comp1 LT33N 07-21666	09/05/07	Tissue	11/30/07	0.0020	4.41 %
LDW-07-T3-C-SS-WB-comp1 LT33O 07-21667	09/06/07	Tissue	11/30/07	0.0020	4.54 %
LDW-07-T3-D-SS-WB-comp1 LT33P 07-21668	09/06/07	Tissue	11/30/07	0.0020	4.03 %
LDW-07-T3-E-SS-WB-comp1 LT33Q 07-21669	09/05/07	Tissue	11/30/07	0.0020	3.43 %
LDW-07-T3-F-SS-WB-comp1 LT33R 07-21670	09/05/07	Tissue	11/30/07	0.0020	4.94 %
Method Blank			11/30/07	0.0020	< 0.0020 % U

ANALYTICAL RESOURCES INCORPORATED

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

Data Release Authorized:
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QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
Method Blank			11/30/07	0.0020	< 0.0020 % U
LDW-07-T3-D-SS-WB-comp1 DUP LT33PDUP 07-21668	09/06/07	Tissue	11/30/07	0.0020	3.83 % RPD: 5.1 %
LDW-07-T3-D-SS-WB-comp1 TRP LT33PTRP 07-21668	09/06/07	Tissue	11/30/07	0.0020	3.28 % RPD: 20.5 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

ANALYTICAL RESOURCES INCORPORATED

LIPIDS ANALYSIS DATA SHEET
Percent Lipids by Method Bligh&Dyer

Data Release Authorized:
Reported: 12/10/07
Date Received: 10/15/07
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QC Report No: LT34-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	RL	Result
LDW-07-T4-A-SS-WB-comp1 LT34A 07-21673	09/05/07	Tissue	12/05/07	0.0020	4.78 %
LDW-07-T4-B-SS-WB-comp1 LT34B 07-21674	09/05/07	Tissue	12/05/07	0.0020	3.78 %
LDW-07-T4-C-SS-WB-comp1 LT34C 07-21675	09/05/07	Tissue	12/05/07	0.0020	4.16 %
LDW-07-T4-D-SS-WB-comp1 LT34D 07-21676	09/05/07	Tissue	12/05/07	0.0020	4.77 %
Method Blank			12/05/07	0.0020	< 0.0020 % U
Method Blank			12/05/07	0.0020	< 0.0020 % U
LDW-07-T4-B-SS-WB-comp1 DUP LT34BDUP 07-21674	09/05/07	Tissue	12/05/07	0.0020	3.45 % RPD: 9.1 %
LDW-07-T4-B-SS-WB-comp1 TRP LT34BTRP 07-21674	09/05/07	Tissue	12/05/07	0.0020	3.46 % RPD: 8.8 %

Results Are On A Wet Weight Basis

RL-Analytical reporting limit
U-Undetected at reported detection limit

PCB Aroclors

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-C2-1-comp
SAMPLE

Lab Sample ID: LO74A
LIMS ID: 07-18836
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/24/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/02/07 15:42
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**15 J**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.2%
Tetrachlorometaxylene	59.0%

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Sample ID: LDW-07-C2-1-comp-dep
SAMPLE

Lab Sample ID: LO74B
LIMS ID: 07-18837
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/24/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/02/07 15:59
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.1 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**14 J**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	59.8%
Tetrachlorometaxylene	48.5%

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Sample ID: LDW-07-C6-comp
SAMPLE

Lab Sample ID: LO74C
LIMS ID: 07-18838
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/25/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/02/07 16:16
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**20**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	77.0%
Tetrachlorometaxylene	62.5%

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Sample ID: LDW-07-C6-comp-dep
SAMPLE

Lab Sample ID: LO74D
LIMS ID: 07-18839
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/25/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/03/07 11:32
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**17 J**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	69.0%
Tetrachlorometaxylene	54.0%

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Sample ID: LDW-07-C7-comp
SAMPLE

Lab Sample ID: LO74E
LIMS ID: 07-18840
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/26/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/03/07 11:49
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.1 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	50	< 50 Y
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**74**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	64.5%
Tetrachlorometaxylene	59.5%

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Sample ID: LDW-07-C7-comp-dep
SAMPLE

Lab Sample ID: LO74F
LIMS ID: 07-18841
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/26/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/02/07 17:08
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.1 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	40	< 40 Y
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**67**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	74.8%
Tetrachlorometaxylene	59.8%

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Sample ID: LDW-07-C8-comp
SAMPLE

Lab Sample ID: LO74G
LIMS ID: 07-18842
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/26/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/03/07 12:06
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.1 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	120	< 120 Y
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**280 E**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.0%
Tetrachlorometaxylene	65.2%

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Sample ID: LDW-07-C8-comp
DILUTION

Lab Sample ID: LO74G
LIMS ID: 07-18842
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll
07-08-06-22
Date Sampled: 08/26/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/03/07 14:23
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.1 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	99	< 99 U
53469-21-9	Aroclor 1242	150	< 150 Y
12672-29-6	Aroclor 1248	99	< 99 U
11097-69-1	**Aroclor 1254**	**99**	**310**
11096-82-5	Aroclor 1260	99	< 99 U
11104-28-2	Aroclor 1221	99	< 99 U
11141-16-5	Aroclor 1232	99	< 99 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	87.5%
Tetrachlorometaxylene	70.0%

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Sample ID: LDW-07-C8-comp-dep
SAMPLE

Lab Sample ID: LO74H
LIMS ID: 07-18843
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/26/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/03/07 12:23
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.1 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	99	< 99 Y
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**190**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	74.8%
Tetrachlorometaxylene	62.0%

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Sample ID: LDW-07-C9-comp
SAMPLE

Lab Sample ID: LO74I
LIMS ID: 07-18844
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/25/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/03/07 12:40
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.1 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**19 J**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	67.2%
Tetrachlorometaxylene	55.5%

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Sample ID: LDW-07-C9-comp-dep
SAMPLE

Lab Sample ID: LO74J
LIMS ID: 07-18845
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/25/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/02/07 19:25
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**32**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	89.5%
Tetrachlorometaxylene	72.5%

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Sample ID: LDW-07-C10-1-comp
SAMPLE

Lab Sample ID: LO74K
LIMS ID: 07-18846
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll
07-08-06-22
Date Sampled: 08/27/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/02/07 19:42
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**62**
11096-82-5	**Aroclor 1260**	**20**	**170**
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.0%
Tetrachlorometaxylene	65.0%

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Sample ID: LDW-07-C10-1-comp-dep
SAMPLE

Lab Sample ID: LO74L
LIMS ID: 07-18847
Matrix: Tissue
Data Release Authorized:
Reported: 10/04/07

QC Report No: LO74-Windward Environmental, LLC
Project: LDWG-Fish,Crab,and Clam Tissue Coll 07-08-06-22
Date Sampled: 08/27/07
Date Received: 09/10/07

Date Extracted: 09/25/07
Date Analyzed: 10/02/07 19:59
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**73**
11096-82-5	**Aroclor 1260**	**20**	**200**
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	89.8%
Tetrachlorometaxylene	71.0%

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Sample ID: LDW-07-T1-M-DC-EM-compl
SAMPLE

Lab Sample ID: LT29A
LIMS ID: 07-21583
Matrix: Tissue
Data Release Authorized:
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/07/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 16:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	**Aroclor 1254**	**4.0**	**10**
11096-82-5	**Aroclor 1260**	**4.0**	**4.7**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	43.4%
Tetrachlorometaxylene	25.5%

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Sample ID: LDW-07-T3-M-DC-EM-compl
SAMPLE

Lab Sample ID: LT29B
LIMS ID: 07-21584
Matrix: Tissue
Data Release Authorized: MW
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 16:47
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**8.5**
11097-69-1	**Aroclor 1254**	**4.0**	**19**
11096-82-5	**Aroclor 1260**	**4.0**	**11**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	58.5%
Tetrachlorometaxylene	41.4%

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Sample ID: LDW-07-T3-M-DC-EM-comp2
SAMPLE

Lab Sample ID: LT29C
LIMS ID: 07-21585
Matrix: Tissue
Data Release Authorized: MW
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 17:04
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**9.0**
11097-69-1	**Aroclor 1254**	**4.0**	**20**
11096-82-5	**Aroclor 1260**	**4.0**	**11**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	53.0%
Tetrachlorometaxylene	36.0%

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Sample ID: LDW-07-T3-M-DC-EM-comp3
SAMPLE

Lab Sample ID: LT29D
LIMS ID: 07-21586
Matrix: Tissue
Data Release Authorized:
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 17:22
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**9.9**
11097-69-1	**Aroclor 1254**	**4.0**	**24**
11096-82-5	**Aroclor 1260**	**4.0**	**17**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	64.5%
Tetrachlorometaxylene	50.5%

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Sample ID: LDW-07-T1-M-DC-HP-compl
SAMPLE

Lab Sample ID: LT29K
LIMS ID: 07-21593
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/07/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 10:47
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**180**
11096-82-5	**Aroclor 1260**	**40**	**100**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	72.0%
Tetrachlorometaxylene	59.0%

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Sample ID: LDW-07-T3-M-DC-HP-comp1
SAMPLE

Lab Sample ID: LT29L
LIMS ID: 07-21594
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 11:04
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**220**
11096-82-5	**Aroclor 1260**	**40**	**200**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	41.7%
Tetrachlorometaxylene	36.9%

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PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T3-M-DC-HP-comp2
SAMPLE

Lab Sample ID: LT29M
LIMS ID: 07-21595
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 11:21
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	80	< 80 Y
11097-69-1	**Aroclor 1254**	**40**	**300**
11096-82-5	**Aroclor 1260**	**40**	**220**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	57.5%
Tetrachlorometaxylene	46.9%

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ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T3-M-DC-HP-comp3
SAMPLE

Lab Sample ID: LT29N
LIMS ID: 07-21596
Matrix: Tissue
Data Release Authorized: BB
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007
Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 11:38
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes
Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**230**
11096-82-5	**Aroclor 1260**	**40**	**180**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	36.4%
Tetrachlorometaxylene	30.2%

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ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T3-M-DC-HP-comp3
REEXTRACT

Lab Sample ID: LT29N
LIMS ID: 07-21596
Matrix: Tissue
Data Release Authorized: VTS
Reported: 01/31/08

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 01/24/08
Date Analyzed: 01/30/08 16:27
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	180	< 180 Y
11097-69-1	**Aroclor 1254**	**60**	**550**
11096-82-5	**Aroclor 1260**	**60**	**470**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	68.8%
Tetrachlorometaxylene	65.3%

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PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T1-M-SC-EM-comp1
SAMPLE

Lab Sample ID: LT29E
LIMS ID: 07-21587
Matrix: Tissue
Data Release Authorized:
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 18:13
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**7.6**
11097-69-1	**Aroclor 1254**	**4.0**	**21**
11096-82-5	**Aroclor 1260**	**4.0**	**12**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	56.0%
Tetrachlorometaxylene	29.7%

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Sample ID: LDW-07-T1-M-SC-EM-comp2
SAMPLE

Lab Sample ID: LT29F
LIMS ID: 07-21588
Matrix: Tissue
Data Release Authorized:
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 18:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**7.2**
11097-69-1	**Aroclor 1254**	**4.0**	**22 P**
11096-82-5	**Aroclor 1260**	**4.0**	**12**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	63.0%
Tetrachlorometaxylene	49.4%

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PCB by GC/ECD Method SW8082
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ANALYTICAL RESOURCES INCORPORATED

Sample ID: LDW-07-T1-M-SC-EM-comp3
SAMPLE

Lab Sample ID: LT29G
LIMS ID: 07-21589
Matrix: Tissue
Data Release Authorized:
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 18:48
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**5.4**
11097-69-1	**Aroclor 1254**	**4.0**	**26 P**
11096-82-5	**Aroclor 1260**	**4.0**	**17**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	51.0%
Tetrachlorometaxylene	38.6%

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ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: LDW-07-T2-M-SC-EM-comp1
SAMPLE

Lab Sample ID: LT29H
LIMS ID: 07-21590
Matrix: Tissue
Data Release Authorized:
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 19:05
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**8.4**
11097-69-1	**Aroclor 1254**	**4.0**	**21**
11096-82-5	**Aroclor 1260**	**4.0**	**11**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	56.0%
Tetrachlorometaxylene	36.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: LDW-07-T2-M-SC-EM-comp2
SAMPLE

Lab Sample ID: LT29I
LIMS ID: 07-21591
Matrix: Tissue
Data Release Authorized:
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 19:22
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**6.2**
11097-69-1	**Aroclor 1254**	**4.0**	**14**
11096-82-5	**Aroclor 1260**	**4.0**	**6.4**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	55.5%
Tetrachlorometaxylene	27.3%

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Sample ID: LDW-07-T2-M-SC-EM-comp3
SAMPLE

Lab Sample ID: LT29J
LIMS ID: 07-21592
Matrix: Tissue
Data Release Authorized:
Reported: 11/16/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/15/07 19:39
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 50.0 g-as-rec
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	**Aroclor 1248**	**4.0**	**8.2 P**
11097-69-1	**Aroclor 1254**	**4.0**	**26**
11096-82-5	**Aroclor 1260**	**4.0**	**12**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	58.0%
Tetrachlorometaxylene	41.8%

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PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T1-M-SC-HP-comp1
SAMPLE

Lab Sample ID: LT290
LIMS ID: 07-21597
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 12:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**97**
11096-82-5	**Aroclor 1260**	**40**	**48**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	20.8%
Tetrachlorometaxylene	13.8%

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PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T1-M-SC-HP-comp1
REEXTRACT

Lab Sample ID: LT290
LIMS ID: 07-21597
Matrix: Tissue
Data Release Authorized: VTS
Reported: 01/31/08

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 01/24/08
Date Analyzed: 01/30/08 16:45
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	90	< 90 Y
11097-69-1	**Aroclor 1254**	**60**	**310**
11096-82-5	**Aroclor 1260**	**60**	**170**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	60.2%
Tetrachlorometaxylene	60.0%

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PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T1-M-SC-HP-comp2
SAMPLE

Lab Sample ID: LT29P
LIMS ID: 07-21598
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 12:47
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**56**
11096-82-5	Aroclor 1260	40	< 40 U
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	20.4%
Tetrachlorometaxylene	15.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: LDW-07-T1-M-SC-HP-comp2
REEXTRACT

Lab Sample ID: LT29P
LIMS ID: 07-21598
Matrix: Tissue
Data Release Authorized: VTS
Reported: 01/31/08

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 01/24/08
Date Analyzed: 01/30/08 17:02
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	90	< 90 Y
11097-69-1	**Aroclor 1254**	**60**	**280**
11096-82-5	**Aroclor 1260**	**60**	**200**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	41.0%
Tetrachlorometaxylene	39.2%

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PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T1-M-SC-HP-comp3
SAMPLE

Lab Sample ID: LT29Q
LIMS ID: 07-21599
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 13:04
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**110**
11096-82-5	**Aroclor 1260**	**40**	**110**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	28.2%
Tetrachlorometaxylene	22.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: LDW-07-T1-M-SC-HP-comp3
REEXTRACT

Lab Sample ID: LT29Q
LIMS ID: 07-21599
Matrix: Tissue
Data Release Authorized: VTS
Reported: 01/31/08

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 01/24/08
Date Analyzed: 01/30/08 17:19
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**360**
11096-82-5	**Aroclor 1260**	**60**	**300**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	63.2%
Tetrachlorometaxylene	62.8%

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Sample ID: LDW-07-T2-M-SC-HP-comp1
SAMPLE

Lab Sample ID: LT29R
LIMS ID: 07-21600
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 13:21
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**160**
11096-82-5	**Aroclor 1260**	**40**	**90**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	42.3%
Tetrachlorometaxylene	34.1%

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Sample ID: LDW-07-T2-M-SC-HP-comp2
SAMPLE

Lab Sample ID: LT29S
LIMS ID: 07-21601
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 13:38
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**170**
11096-82-5	**Aroclor 1260**	**40**	**98**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	46.2%
Tetrachlorometaxylene	37.1%

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Sample ID: LDW-07-T2-M-SC-HP-comp3
SAMPLE

Lab Sample ID: LT29T
LIMS ID: 07-21602
Matrix: Tissue
Data Release Authorized:
Reported: 11/21/07

QC Report No: LT29-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/08/07
Date Analyzed: 11/20/07 13:56
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**170**
11096-82-5	**Aroclor 1260**	**40**	**97**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	44.5%
Tetrachlorometaxylene	35.2%

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Sample ID: LDW-07-T1-M-ES-WB-comp1
SAMPLE

Lab Sample ID: LT31A
LIMS ID: 07-21627
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 16:50
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**240**
11096-82-5	**Aroclor 1260**	**60**	**170**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	54.8%
Tetrachlorometaxylene	42.4%

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Sample ID: LDW-07-T1-M-ES-WB-comp2
SAMPLE

Lab Sample ID: LT31B
LIMS ID: 07-21628
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 17:07
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**460**
11096-82-5	**Aroclor 1260**	**100**	**320**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	69.2%
Tetrachlorometaxylene	57.9%

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Sample ID: LDW-07-T1-M-ES-WB-comp3
SAMPLE

Lab Sample ID: LT31C
LIMS ID: 07-21629
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 17:24
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**240**
11096-82-5	**Aroclor 1260**	**60**	**220**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	51.1%
Tetrachlorometaxylene	45.0%

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Sample ID: LDW-07-T1-M-ES-WB-comp4
SAMPLE

Lab Sample ID: LT31D
LIMS ID: 07-21630
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 17:42
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**440**
11096-82-5	**Aroclor 1260**	**100**	**280**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	65.2%
Tetrachlorometaxylene	53.0%

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Sample ID: LDW-07-T1-M-ES-WB-comp4
SAMPLE

Lab Sample ID: LT31D
LIMS ID: 07-21630
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 17:42
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**440**
11096-82-5	**Aroclor 1260**	**100**	**280**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	65.2%
Tetrachlorometaxylene	53.0%

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Sample ID: LDW-07-T1-M-ES-WB-comp5
SAMPLE

Lab Sample ID: LT31E
LIMS ID: 07-21631
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007
Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 17:59
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**220**
11096-82-5	**Aroclor 1260**	**60**	**200**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	57.9%
Tetrachlorometaxylene	44.5%

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Sample ID: LDW-07-T1-M-ES-WB-comp6
SAMPLE

Lab Sample ID: LT31F
LIMS ID: 07-21632
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 18:16
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**230**
11096-82-5	**Aroclor 1260**	**60**	**130**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	53.9%
Tetrachlorometaxylene	50.7%

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Sample ID: LDW-07-T2-A-ES-WB-compl
SAMPLE

Lab Sample ID: LT31G
LIMS ID: 07-21633
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 18:33
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**310**
11096-82-5	**Aroclor 1260**	**60**	**240**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	59.7%
Tetrachlorometaxylene	46.9%

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Sample ID: LDW-07-T2-A-ES-WB-comp2
SAMPLE

Lab Sample ID: LT31H
LIMS ID: 07-21634
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 18:50
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**540**
11096-82-5	**Aroclor 1260**	**100**	**330**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	67.6%
Tetrachlorometaxylene	98.0%

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Sample ID: LDW-07-T2-A-ES-WB-comp3
SAMPLE

Lab Sample ID: LT31I
LIMS ID: 07-21635
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007
Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 19:07
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**350**
11096-82-5	**Aroclor 1260**	**100**	**280**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	63.9%
Tetrachlorometaxylene	48.4%

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Sample ID: LDW-07-T2-A-ES-WB-comp4
SAMPLE

Lab Sample ID: LT31J
LIMS ID: 07-21636
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 19:25
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**450**
11096-82-5	**Aroclor 1260**	**100**	**300**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	55.8%
Tetrachlorometaxylene	51.8%

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Sample ID: LDW-07-T2-A-ES-WB-comp5
SAMPLE

Lab Sample ID: LT31K
LIMS ID: 07-21637
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 19:42
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**240**
11096-82-5	**Aroclor 1260**	**60**	**140**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	65.1%
Tetrachlorometaxylene	50.2%

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Sample ID: LDW-07-T2-A-ES-WB-comp6
SAMPLE

Lab Sample ID: LT31L
LIMS ID: 07-21638
Matrix: Tissue
Data Release Authorized:
Reported: 12/05/07

QC Report No: LT31-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/17/07
Date Analyzed: 12/04/07 19:59
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**530**
11096-82-5	**Aroclor 1260**	**100**	**450**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	73.4%
Tetrachlorometaxylene	57.4%

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Sample ID: LDW-07-T3-M-ES-WB-comp1
SAMPLE

Lab Sample ID: LT32A
LIMS ID: 07-21641
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 19:17
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**630 E**
11096-82-5	**Aroclor 1260**	**40**	**300**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.0%
Tetrachlorometaxylene	86.0%

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Sample ID: LDW-07-T3-M-ES-WB-comp1
DILUTION

Lab Sample ID: LT32A
LIMS ID: 07-21641
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 12/03/07 16:11
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**610**
11096-82-5	**Aroclor 1260**	**100**	**350**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	88.9%
Tetrachlorometaxylene	83.9%

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Sample ID: LDW-07-T3-M-ES-WB-comp2
SAMPLE

Lab Sample ID: LT32B
LIMS ID: 07-21642
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 19:34
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**400 E**
11096-82-5	**Aroclor 1260**	**40**	**280**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	78.5%
Tetrachlorometaxylene	81.5%

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Sample ID: LDW-07-T3-M-ES-WB-comp2
DILUTION

Lab Sample ID: LT32B
LIMS ID: 07-21642
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 12/03/07 16:29
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**380**
11096-82-5	**Aroclor 1260**	**100**	**260**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.2%
Tetrachlorometaxylene	75.4%

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PCB by GC/ECD Method SW8082
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Sample ID: LDW-07-T3-M-ES-WB-comp3
SAMPLE

Lab Sample ID: LT32C
LIMS ID: 07-21643
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 19:51
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**570 E**
11096-82-5	**Aroclor 1260**	**40**	**260**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.0%
Tetrachlorometaxylene	81.0%

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Sample ID: LDW-07-T3-M-ES-WB-comp3
DILUTION

Lab Sample ID: LT32C
LIMS ID: 07-21643
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 12/03/07 16:46
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**500**
11096-82-5	**Aroclor 1260**	**100**	**310**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.1%
Tetrachlorometaxylene	72.6%

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Sample ID: LDW-07-T3-M-ES-WB-comp4
SAMPLE

Lab Sample ID: LT32D
LIMS ID: 07-21644
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 20:43
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.2 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**1,100 E**
11096-82-5	**Aroclor 1260**	**40**	**550 E**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.0%
Tetrachlorometaxylene	101%

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Sample ID: LDW-07-T3-M-ES-WB-comp4
DILUTION

Lab Sample ID: LT32D
LIMS ID: 07-21644
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 12/03/07 17:03
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.2 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	200	< 200 U
53469-21-9	Aroclor 1242	200	< 200 U
12672-29-6	Aroclor 1248	200	< 200 U
11097-69-1	**Aroclor 1254**	**200**	**1,000**
11096-82-5	**Aroclor 1260**	**200**	**620**
11104-28-2	Aroclor 1221	200	< 200 U
11141-16-5	Aroclor 1232	200	< 200 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	95.0%
Tetrachlorometaxylene	102%

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Sample ID: LDW-07-T3-M-ES-WB-comp5
SAMPLE

Lab Sample ID: LT32E
LIMS ID: 07-21645
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 21:00
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**140**
11096-82-5	**Aroclor 1260**	**40**	**92**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	21.6%
Tetrachlorometaxylene	24.8%

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Sample ID: LDW-07-T3-M-ES-WB-comp6
SAMPLE

Lab Sample ID: LT32F
LIMS ID: 07-21646
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 21:17
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**320**
11096-82-5	**Aroclor 1260**	**40**	**280**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	64.5%
Tetrachlorometaxylene	63.0%

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Sample ID: LDW-07-T4-M-ES-WB-compl
SAMPLE

Lab Sample ID: LT32G
LIMS ID: 07-21647
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/12/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 21:35
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	80	< 80 Y
11097-69-1	**Aroclor 1254**	**40**	**210**
11096-82-5	**Aroclor 1260**	**40**	**93**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.0%
Tetrachlorometaxylene	74.0%

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Sample ID: LDW-07-T3-M-ES-WB-comp1
SAMPLE

Lab Sample ID: LT32A
LIMS ID: 07-21641
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 19:17
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**630 E**
11096-82-5	**Aroclor 1260**	**40**	**300**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.0%
Tetrachlorometaxylene	86.0%

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Sample ID: LDW-07-T3-M-ES-WB-comp1
DILUTION

Lab Sample ID: LT32A
LIMS ID: 07-21641
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 12/03/07 16:11
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**610**
11096-82-5	**Aroclor 1260**	**100**	**350**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	88.9%
Tetrachlorometaxylene	83.9%

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Sample ID: LDW-07-T3-M-ES-WB-comp2
SAMPLE

Lab Sample ID: LT32B
LIMS ID: 07-21642
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 19:34
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**400 E**
11096-82-5	**Aroclor 1260**	**40**	**280**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	78.5%
Tetrachlorometaxylene	81.5%

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Sample ID: LDW-07-T3-M-ES-WB-comp2
DILUTION

Lab Sample ID: LT32B
LIMS ID: 07-21642
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 12/03/07 16:29
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**380**
11096-82-5	**Aroclor 1260**	**100**	**260**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.2%
Tetrachlorometaxylene	75.4%

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Sample ID: LDW-07-T3-M-ES-WB-comp3
SAMPLE

Lab Sample ID: LT32C
LIMS ID: 07-21643
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 19:51
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**570 E**
11096-82-5	**Aroclor 1260**	**40**	**260**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.0%
Tetrachlorometaxylene	81.0%

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Sample ID: LDW-07-T3-M-ES-WB-comp3
DILUTION

Lab Sample ID: LT32C
LIMS ID: 07-21643
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 12/03/07 16:46
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	100	< 100 U
53469-21-9	Aroclor 1242	100	< 100 U
12672-29-6	Aroclor 1248	100	< 100 U
11097-69-1	**Aroclor 1254**	**100**	**500**
11096-82-5	**Aroclor 1260**	**100**	**310**
11104-28-2	Aroclor 1221	100	< 100 U
11141-16-5	Aroclor 1232	100	< 100 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.1%
Tetrachlorometaxylene	72.6%

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Sample ID: LDW-07-T3-M-ES-WB-comp4
SAMPLE

Lab Sample ID: LT32D
LIMS ID: 07-21644
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 20:43
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.2 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**1,100 E**
11096-82-5	**Aroclor 1260**	**40**	**550 E**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.0%
Tetrachlorometaxylene	101%

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Sample ID: LDW-07-T3-M-ES-WB-comp4
DILUTION

Lab Sample ID: LT32D
LIMS ID: 07-21644
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 12/03/07 17:03
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.2 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	200	< 200 U
53469-21-9	Aroclor 1242	200	< 200 U
12672-29-6	Aroclor 1248	200	< 200 U
11097-69-1	**Aroclor 1254**	**200**	**1,000**
11096-82-5	**Aroclor 1260**	**200**	**620**
11104-28-2	Aroclor 1221	200	< 200 U
11141-16-5	Aroclor 1232	200	< 200 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	95.0%
Tetrachlorometaxylene	102%

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Sample ID: LDW-07-T3-M-ES-WB-comp5
SAMPLE

Lab Sample ID: LT32E
LIMS ID: 07-21645
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 21:00
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**140**
11096-82-5	**Aroclor 1260**	**40**	**92**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	21.6%
Tetrachlorometaxylene	24.8%

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PCB by GC/ECD Method SW8082

Sample ID: LDW-07-T3-M-ES-WB-comp5
REEXTRACT

Lab Sample ID: LT32E
LIMS ID: 07-21645
Matrix: Tissue
Data Release Authorized: VTS
Reported: 01/31/08

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007
Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 01/24/08
Date Analyzed: 01/30/08 17:36
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	150	< 150 Y
11097-69-1	**Aroclor 1254**	**60**	**460**
11096-82-5	**Aroclor 1260**	**60**	**370**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	57.9%
Tetrachlorometaxylene	77.2%

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Sample ID: LDW-07-T3-M-ES-WB-comp6
SAMPLE

Lab Sample ID: LT32F
LIMS ID: 07-21646
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 21:17
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**320**
11096-82-5	**Aroclor 1260**	**40**	**280**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	64.5%
Tetrachlorometaxylene	63.0%

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Sample ID: LDW-07-T4-M-ES-WB-compl
SAMPLE

Lab Sample ID: LT32G
LIMS ID: 07-21647
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/12/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 21:35
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	80	< 80 Y
11097-69-1	**Aroclor 1254**	**40**	**210**
11096-82-5	**Aroclor 1260**	**40**	**93**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.0%
Tetrachlorometaxylene	74.0%

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Sample ID: LDW-07-T4-M-SF-FL-comp1
SAMPLE

Lab Sample ID: LT32H
LIMS ID: 07-21648
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/12/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 21:52
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**63**
11096-82-5	Aroclor 1260	40	< 40 U
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	72.0%
Tetrachlorometaxylene	71.0%

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Sample ID: LDW-07-T4-M-SF-WB-comp1
SAMPLE

Lab Sample ID: LT32I
LIMS ID: 07-21649
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/12/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 22:09
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**110**
11096-82-5	**Aroclor 1260**	**40**	**130**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	72.5%
Tetrachlorometaxylene	84.5%

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Sample ID: LDW-07-T4-M-SF-WB-comp2
SAMPLE

Lab Sample ID: LT32J
LIMS ID: 07-21650
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/12/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 22:26
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**91**
11096-82-5	**Aroclor 1260**	**40**	**79**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	69.5%
Tetrachlorometaxylene	69.5%

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Sample ID: LDW-07-T4-M-SF-WB-comp3
SAMPLE

Lab Sample ID: LT32K
LIMS ID: 07-21651
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/11/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 22:43
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**80**
11096-82-5	**Aroclor 1260**	**40**	**76**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	74.0%
Tetrachlorometaxylene	77.5%

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Sample ID: LDW-07-T1-M-ES-FL-comp1
SAMPLE

Lab Sample ID: LT30A
LIMS ID: 07-21612
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 11:48
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**170**
11096-82-5	**Aroclor 1260**	**40**	**95**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.0%
Tetrachlorometaxylene	56.5%

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Sample ID: LDW-07-T1-M-ES-FL-comp2
SAMPLE

Lab Sample ID: LT30B
LIMS ID: 07-21613
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 12:05
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	**Aroclor 1248**	**40**	**58**
11097-69-1	**Aroclor 1254**	**40**	**300**
11096-82-5	**Aroclor 1260**	**40**	**140**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	65.0%
Tetrachlorometaxylene	58.0%

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Sample ID: LDW-07-T1-M-ES-FL-comp3
SAMPLE

Lab Sample ID: LT30C
LIMS ID: 07-21614
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 12:23
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**160**
11096-82-5	**Aroclor 1260**	**40**	**97**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	63.5%
Tetrachlorometaxylene	52.0%

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Sample ID: LDW-07-T2-A-ES-FL-compl
SAMPLE

Lab Sample ID: LT30D
LIMS ID: 07-21615
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 12:40
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**220**
11096-82-5	**Aroclor 1260**	**40**	**130**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	60.5%
Tetrachlorometaxylene	46.0%

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Sample ID: LDW-07-T2-A-ES-FL-comp2
SAMPLE

Lab Sample ID: LT30E
LIMS ID: 07-21616
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007
Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 12:57
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**120**
11096-82-5	**Aroclor 1260**	**40**	**52**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	64.5%
Tetrachlorometaxylene	50.5%

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Sample ID: LDW-07-T2-A-ES-FL-comp3
SAMPLE

Lab Sample ID: LT30F
LIMS ID: 07-21617
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 13:14
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	**Aroclor 1248**	**40**	**56**
11097-69-1	**Aroclor 1254**	**40**	**210**
11096-82-5	**Aroclor 1260**	**40**	**90**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	65.5%
Tetrachlorometaxylene	55.5%

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Sample ID: LDW-07-T3-M-ES-FL-comp1
SAMPLE

Lab Sample ID: LT30G
LIMS ID: 07-21618
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007
Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 13:31
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	**Aroclor 1248**	**40**	**61**
11097-69-1	**Aroclor 1254**	**40**	**280**
11096-82-5	**Aroclor 1260**	**40**	**150**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	66.5%
Tetrachlorometaxylene	51.0%

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Sample ID: LDW-07-T3-M-ES-FL-comp2
SAMPLE

Lab Sample ID: LT30H
LIMS ID: 07-21619
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 13:48
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	**Aroclor 1248**	**40**	**55**
11097-69-1	**Aroclor 1254**	**40**	**220**
11096-82-5	**Aroclor 1260**	**40**	**100**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	65.5%
Tetrachlorometaxylene	50.5%

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Sample ID: LDW-07-T3-M-ES-FL-comp3
SAMPLE

Lab Sample ID: LT30I
LIMS ID: 07-21620
Matrix: Tissue
Data Release Authorized:
Reported: 11/29/07

QC Report No: LT30-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/14/07
Date Analyzed: 11/27/07 14:40
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**220**
11096-82-5	**Aroclor 1260**	**40**	**120**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	66.0%
Tetrachlorometaxylene	51.5%

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Sample ID: LDW-07-T4-M-SF-FL-comp1
SAMPLE

Lab Sample ID: LT32H
LIMS ID: 07-21648
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/12/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 21:52
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**63**
11096-82-5	Aroclor 1260	40	< 40 U
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	72.0%
Tetrachlorometaxylene	71.0%

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Sample ID: LDW-07-T4-M-SF-WB-comp1
SAMPLE

Lab Sample ID: LT32I
LIMS ID: 07-21649
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/12/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 22:09
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**110**
11096-82-5	**Aroclor 1260**	**40**	**130**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	72.5%
Tetrachlorometaxylene	84.5%

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Sample ID: LDW-07-T4-M-SF-WB-comp2
SAMPLE

Lab Sample ID: LT32J
LIMS ID: 07-21650
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/12/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 22:26
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**91**
11096-82-5	**Aroclor 1260**	**40**	**79**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	69.5%
Tetrachlorometaxylene	69.5%

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Sample ID: LDW-07-T4-M-SF-WB-comp3
SAMPLE

Lab Sample ID: LT32K
LIMS ID: 07-21651
Matrix: Tissue
Data Release Authorized:
Reported: 12/04/07

QC Report No: LT32-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/11/07
Date Received: 10/15/07

Date Extracted: 11/26/07
Date Analyzed: 11/29/07 22:43
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 2.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	**Aroclor 1254**	**40**	**80**
11096-82-5	**Aroclor 1260**	**40**	**76**
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	74.0%
Tetrachlorometaxylene	77.5%

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Sample ID: LDW-07-T1-A-SS-WB-compl
SAMPLE

Lab Sample ID: LT33A
LIMS ID: 07-21653
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 15:28
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**86**
11096-82-5	**Aroclor 1260**	**60**	**110**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	57.1%
Tetrachlorometaxylene	59.7%

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Sample ID: LDW-07-T1-B-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33B
LIMS ID: 07-21654
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/07/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 15:45
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**94**
11096-82-5	**Aroclor 1260**	**60**	**130**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	55.5%
Tetrachlorometaxylene	55.0%

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Sample ID: LDW-07-T1-C-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33C
LIMS ID: 07-21655
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/07/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 16:02
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**150**
11096-82-5	**Aroclor 1260**	**60**	**210**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	86.2%
Tetrachlorometaxylene	89.2%

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Sample ID: LDW-07-T1-D-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33D
LIMS ID: 07-21656
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007
Date Sampled: 09/07/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 16:19
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**78**
11096-82-5	**Aroclor 1260**	**60**	**130**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	30.2%
Tetrachlorometaxylene	29.8%

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Sample ID: LDW-07-T1-D-SS-WB-compl
REEXTRACT

Lab Sample ID: LT33D
LIMS ID: 07-21656
Matrix: Tissue
Data Release Authorized: VTS
Reported: 01/31/08

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/07/07
Date Received: 10/15/07

Date Extracted: 01/24/08
Date Analyzed: 01/30/08 18:28
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**110**
11096-82-5	**Aroclor 1260**	**60**	**140**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	55.1%
Tetrachlorometaxylene	60.6%

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Sample ID: LDW-07-T1-E-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33E
LIMS ID: 07-21657
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 16:37
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**130**
11096-82-5	**Aroclor 1260**	**60**	**140**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	63.2%
Tetrachlorometaxylene	62.2%

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Sample ID: LDW-07-T1-F-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33F
LIMS ID: 07-21658
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 16:54
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**140**
11096-82-5	**Aroclor 1260**	**60**	**170**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	55.8%
Tetrachlorometaxylene	56.2%

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Sample ID: LDW-07-T2-A-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33G
LIMS ID: 07-21659
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 17:11
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**150**
11096-82-5	**Aroclor 1260**	**60**	**170**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	66.5%
Tetrachlorometaxylene	64.3%

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Sample ID: LDW-07-T2-B-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33H
LIMS ID: 07-21660
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 17:28
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**140**
11096-82-5	**Aroclor 1260**	**60**	**150**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	71.8%
Tetrachlorometaxylene	70.4%

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Sample ID: LDW-07-T2-C-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33I
LIMS ID: 07-21661
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 17:45
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**190**
11096-82-5	**Aroclor 1260**	**60**	**210**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.9%
Tetrachlorometaxylene	70.9%

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Sample ID: LDW-07-T2-D-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33J
LIMS ID: 07-21662
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 18:03
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**200**
11096-82-5	**Aroclor 1260**	**60**	**200**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	68.6%
Tetrachlorometaxylene	73.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T2-E-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33K
LIMS ID: 07-21663
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 18:20
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**250**
11096-82-5	**Aroclor 1260**	**60**	**220**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	73.9%
Tetrachlorometaxylene	70.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T2-F-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33L
LIMS ID: 07-21664
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007
Date Sampled: 09/04/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 18:37
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**290**
11096-82-5	**Aroclor 1260**	**60**	**320**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	71.6%
Tetrachlorometaxylene	71.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T3-A-SS-WB-compl
SAMPLE

Lab Sample ID: LT33M
LIMS ID: 07-21665
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 18:54
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**170**
11096-82-5	**Aroclor 1260**	**60**	**260**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	71.6%
Tetrachlorometaxylene	70.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T3-B-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33N
LIMS ID: 07-21666
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 19:11
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**290**
11096-82-5	**Aroclor 1260**	**60**	**490**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	63.4%
Tetrachlorometaxylene	68.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T3-C-SS-WB-comp1
SAMPLE

Lab Sample ID: LT330
LIMS ID: 07-21667
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 19:29
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**200**
11096-82-5	**Aroclor 1260**	**60**	**320**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	67.0%
Tetrachlorometaxylene	67.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T3-D-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33P
LIMS ID: 07-21668
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/06/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 19:46
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**300**
11096-82-5	**Aroclor 1260**	**60**	**480**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	73.6%
Tetrachlorometaxylene	73.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T3-E-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33Q
LIMS ID: 07-21669
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 20:38
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**200**
11096-82-5	**Aroclor 1260**	**60**	**540**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	69.8%
Tetrachlorometaxylene	66.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T3-F-SS-WB-comp1
SAMPLE

Lab Sample ID: LT33R
LIMS ID: 07-21670
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/05/07 20:55
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**420**
11096-82-5	**Aroclor 1260**	**60**	**910 E**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	65.0%
Tetrachlorometaxylene	64.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T3-F-SS-WB-compl
DILUTION

Lab Sample ID: LT33R
LIMS ID: 07-21670
Matrix: Tissue
Data Release Authorized:
Reported: 12/06/07

QC Report No: LT33-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 11/30/07
Date Analyzed: 12/06/07 12:02
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.0 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 20.0
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	400	< 400 U
53469-21-9	Aroclor 1242	400	< 400 U
12672-29-6	Aroclor 1248	400	< 400 U
11097-69-1	**Aroclor 1254**	**400**	**470**
11096-82-5	**Aroclor 1260**	**400**	**910**
11104-28-2	Aroclor 1221	400	< 400 U
11141-16-5	Aroclor 1232	400	< 400 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	87.0%
Tetrachlorometaxylene	73.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T4-A-SS-WB-compl
SAMPLE

Lab Sample ID: LT34A
LIMS ID: 07-21673
Matrix: Tissue
Data Release Authorized:
Reported: 12/10/07

QC Report No: LT34-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 12/04/07
Date Analyzed: 12/10/07 12:33
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.4 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	59	< 59 U
53469-21-9	Aroclor 1242	59	< 59 U
12672-29-6	Aroclor 1248	59	< 59 U
11097-69-1	**Aroclor 1254**	**59**	**130**
11096-82-5	**Aroclor 1260**	**59**	**130**
11104-28-2	Aroclor 1221	59	< 59 U
11141-16-5	Aroclor 1232	59	< 59 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.8%
Tetrachlorometaxylene	76.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T4-B-SS-WB-comp1
SAMPLE

Lab Sample ID: LT34B
LIMS ID: 07-21674
Matrix: Tissue
Data Release Authorized:
Reported: 12/10/07

QC Report No: LT34-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 12/04/07
Date Analyzed: 12/10/07 12:50
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.1 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**140**
11096-82-5	**Aroclor 1260**	**60**	**160**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.0%
Tetrachlorometaxylene	82.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T4-C-SS-WB-comp1
SAMPLE

Lab Sample ID: LT34C
LIMS ID: 07-21675
Matrix: Tissue
Data Release Authorized:
Reported: 12/10/07

QC Report No: LT34-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 12/04/07
Date Analyzed: 12/10/07 13:41
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.5 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	59	< 59 U
53469-21-9	Aroclor 1242	59	< 59 U
12672-29-6	Aroclor 1248	59	< 59 U
11097-69-1	**Aroclor 1254**	**59**	**130**
11096-82-5	**Aroclor 1260**	**59**	**160**
11104-28-2	Aroclor 1221	59	< 59 U
11141-16-5	Aroclor 1232	59	< 59 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	71.2%
Tetrachlorometaxylene	78.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: LDW-07-T4-D-SS-WB-compl
SAMPLE

Lab Sample ID: LT34D
LIMS ID: 07-21676
Matrix: Tissue
Data Release Authorized:
Reported: 12/10/07

QC Report No: LT34-Windward Environmental, LLC
Project: LDWG Fish/Crab 2007

Date Sampled: 09/05/07
Date Received: 10/15/07

Date Extracted: 12/04/07
Date Analyzed: 12/10/07 13:59
Instrument/Analyst: ECD5/PK
GPC Cleanup: Yes
Sulfur Cleanup: No
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 25.4 g-as-rec
Final Extract Volume: 5.0 mL
Dilution Factor: 3.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	59	< 59 U
53469-21-9	Aroclor 1242	59	< 59 U
12672-29-6	Aroclor 1248	59	< 59 U
11097-69-1	**Aroclor 1254**	**59**	**170**
11096-82-5	**Aroclor 1260**	**59**	**240**
11104-28-2	Aroclor 1221	59	< 59 U
11141-16-5	Aroclor 1232	59	< 59 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	71.6%
Tetrachlorometaxylene	80.2%

PCB Congeners

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T1-C-SS-WB-comp1
Sample Collection:
07-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-1 LM
Matrix:	TISSUE	**Sample Size:**	2.17 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	18-Jul-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	28-Jul-2008 **Time:** 11:34:34	**GC Column ID:**	DB1
Extract Volume (uL):	50	**Sample Data Filename:**	**DT8B_182 S: 6**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_182 S: 5
Dilution Factor:	2.5	**Cal. Ver. Data Filename:**	DT8B_182 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		D	41.9	0.230	0.78	1.001
3,3',4,4',5-PeCB	126		D	59.1	18.3	1.69	1.001
3,3',4,4',5,5'-HxCB	169		D	1.75	1.32	1.13	1.001

(1) Where applicable, custom lab flags have been used on this report; D = dilution data.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L11235-1_Form1A_DT8B_182S6_SJ885077.html; Workgroup: WG25504; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T1-M-ES-WB-comp3
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-2 i
Matrix:	TISSUE	**Sample Size:**	2.03 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	18-Jul-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	19-Jul-2008 **Time:** 03:57:07	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_176 S: 12**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_176 S: 10
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_176 S: 3
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81			29.1	0.246	0.82	1.001
3,3',4,4',5-PeCB	126			77.7	4.79	1.59	1.001
3,3',4,4',5,5'-HxCB	169			4.46	0.282	1.32	1.001

(1) Where applicable, custom lab flags have been used on this report.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L11235-2_Form1A_DT8B_176S12_SJ882362.html; Workgroup: WG25504; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T2-A-ES-WB-comp2
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-4 i
Matrix:	TISSUE	**Sample Size:**	2.08 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	18-Jul-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	19-Jul-2008 **Time:** 04:36:42	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_176 S: 13**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_176 S: 10
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_176 S: 3
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81			48.0	0.240	0.81	1.002
3,3',4,4',5-PeCB	126			113	5.64	1.58	1.001
3,3',4,4',5,5'-HxCB	169			5.66	0.295	1.34	1.001

(1) Where applicable, custom lab flags have been used on this report.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L11235-4_Form1A_DT8B_176S13_SJ882363.html; Workgroup: WG25504; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T2-B-SS-WB-comp1
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-5 i
Matrix:	TISSUE	**Sample Size:**	2.02 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	18-Jul-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	19-Jul-2008 **Time:** 05:16:19	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_176 S: 14**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_176 S: 10
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_176 S: 3
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81			26.8	0.248	0.77	1.001
3,3',4,4',5-PeCB	126			45.2	3.51	1.60	1.001
3,3',4,4',5,5'-HxCB	169		J	2.19	0.347	1.11	1.001

(1) Where applicable, custom lab flags have been used on this report; J = concentration less than LMCL.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L11235-5_Form1A_DT8B_176S14_SJ882364.html; Workgroup: WG25504; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T3-E-SS-WB-comp1
Sample Collection:
05-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-6 i
Matrix:	TISSUE	**Sample Size:**	2.12 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	18-Jul-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	19-Jul-2008 **Time:** 05:55:55	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_176 S: 15**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_176 S: 10
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_176 S: 3
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81			20.0	0.236	0.77	1.001
3,3',4,4',5-PeCB	126			62.9	5.21	1.56	1.001
3,3',4,4',5,5'-HxCB	169			4.88	0.472	1.38	1.000

(1) Where applicable, custom lab flags have been used on this report.

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Report Filename: 1668_PCB1668_DB1_L11235-6_Form1A_DT8B_176S15_SJ882365.html; Workgroup: WG25504; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T3-M-ES-WB-comp6
Sample Collection:
05-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-7 i (A)
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	18-Jul-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	19-Jul-2008 **Time:** 06:35:30	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_176 S: 16**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_176 S: 10
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_176 S: 3
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81			19.9	0.250	0.80	1.001
3,3',4,4',5-PeCB	126			51.3	6.31	1.53	1.001
3,3',4,4',5,5'-HxCB	169			3.15	0.542	1.23	1.000

(1) Where applicable, custom lab flags have been used on this report.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L11235-7_Form1A_DT8B_176S16_SJ882366.html; Workgroup: WG25504; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	4033	**Lab Sample I.D.:**	WG25504-101 i5
Matrix:	TISSUE	**Sample Size:**	2.00 g
Sample Receipt Date:	N/A	**Initial Calibration Date:**	18-Jul-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	28-Jul-2008 **Time:** 10:54:58	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_182 S: 5**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_182 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_182 S: 1
Concentration Units:	ng/kg		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		U		0.250		
3,3',4,4',5-PeCB	126		U		0.250		
3,3',4,4',5,5'-HxCB	169		U		0.250		

(1) Where applicable, custom lab flags have been used on this report; U = not detected.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_WG25504-101_Form1A_DT8B_182S5_SJ885076.html; Workgroup: WG25504; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T3-M-ES-WB-comp6 (Duplicate)
Sample Collection: 05-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	WG25504-103 i (DUP L11235-7)
Matrix:	TISSUE	**Sample Size:**	2.31 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	18-Jul-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	19-Jul-2008 **Time:** 07:15:06	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_176 S: 17**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_176 S: 10
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_176 S: 3
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81			20.9	0.248	0.75	1.001
3,3',4,4',5-PeCB	126			50.0	8.73	1.53	1.001
3,3',4,4',5,5'-HxCB	169			3.72	0.460	1.25	1.001

(1) Where applicable, custom lab flags have been used on this report.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_WG25504-103_Form1A_DT8B_176S17_SJ882367.html; Workgroup: WG25504; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T1-C-SS-WB-comp1
Sample Collection:
07-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-1
Matrix:	TISSUE	**Sample Size:**	2.17 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	30-Jun-2008 **Time:** 19:12:54	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_264F S: 5**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_264F S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		U		2.48		
3-MoCB	2		U		2.76		
4-MoCB	3		U		3.57		
2,2'-DiCB	4		J	36.7	11.0	1.39	1.000
2,3-DiCB	5		U		7.94		
2,3'-DiCB	6		K J	15.2	7.18	0.96	1.173
2,4-DiCB	7		U		7.36		
2,4'-DiCB	8		J	26.8	6.63	1.51	1.204
2,5-DiCB	9		J	7.66	6.89	1.37	1.142
2,6-DiCB	10		U		6.69		
3,3'-DiCB	11		K J	14.5	7.71	1.15	0.968
3,4-DiCB	12	12 + 13	C U		7.92		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		7.40		
4,4'-DiCB	15			50.6	8.96	1.49	1.001
2,2',3-TriCB	16		J	27.0	2.65	1.07	1.164
2,2',4-TriCB	17			116	2.22	1.02	1.135
2,2',5-TriCB	18	18 + 30	C B	537	1.89	1.06	1.111
2,2',6-TriCB	19			65.1	2.66	1.10	1.001
2,3,3'-TriCB	20	20 + 28	C B	3190	2.39	0.94	0.848
2,3,4-TriCB	21	21 + 33	C	91.1	2.21	0.93	0.857
2,3,4'-TriCB	22			156	2.52	1.00	0.872
2,3,5-TriCB	23		U		2.46		
2,3,6-TriCB	24		K J	7.24	1.70	1.35	1.157
2,3',4-TriCB	25			206	2.15	0.98	0.824
2,3',5-TriCB	26	26 + 29	C	756	2.36	0.96	1.297
2,3',6-TriCB	27			98.0	1.55	1.02	1.149
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	2.15	0.97	0.836
2,4',6-TriCB	32			352	2.25	0.90	1.194
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		K J	11.6	2.44	1.24	1.269
3,3',4-TriCB	35		U		2.54		
3,3',5-TriCB	36		U		2.37		
3,4,4'-TriCB	37			344	2.60	0.89	1.001
3,4,5-TriCB	38		J	5.35	2.56	1.15	0.967

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		K J	5.11	2.53	0.69	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C	819	1.62	0.79	1.334
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42			289	1.68	0.78	1.308
2,2',3,5-TeCB	43			89.0	1.86	0.67	1.243
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	4040	1.48	0.79	1.282
2,2',3,6-TeCB	45	45 + 51	C B	289	1.66	0.78	1.146
2,2',3,6'-TeCB	46			94.1	1.91	0.82	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			266	1.63	0.72	1.270
2,2',4,5'-TeCB	49	49 + 69	C	5340	1.37	0.79	1.256
2,2',4,6-TeCB	50	50 + 53	C	710	1.61	0.78	1.109
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	10200	1.53	0.79	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	4.60	1.24	0.87	1.001
2,3,3',4-TeCB	55			201	27.3	0.69	0.889
2,3,3',4'-TeCB	56			346	27.4	0.73	0.905
2,3,3',5-TeCB	57			49.0	24.0	0.77	0.843
2,3,3',5'-TeCB	58		J	33.2	25.1	0.80	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	654	1.22	0.77	1.299
2,3,4,4'-TeCB	60			1150	27.8	0.71	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	9610	24.3	0.71	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			417	23.7	0.70	0.863
2,3,4',6-TeCB	64			2130	1.17	0.79	1.345
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	5110	24.6	0.70	0.884
2,3',4,5-TeCB	67			160	22.3	0.73	0.855
2,3',4,5'-TeCB	68			110	26.9	0.71	0.830
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			173	26.0	0.68	0.822
2,3',5',6-TeCB	73		U		1.25		
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			449	26.1	0.70	1.000
3,3',4,5-TeCB	78		U		27.6		
3,3',4,5'-TeCB	79		K	77.1	24.3	0.60	0.969
3,3',5,5'-TeCB	80		U		24.2		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		K	233	5.01	1.92	0.935
2,2',3,3',5-PeCB	83	83 + 99	C B	20000	4.58	1.58	0.885
2,2',3,3',6-PeCB	84			1440	5.07	1.57	1.165
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C	1770	3.73	1.56	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	9340	3.86	1.58	0.902
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C	1780	4.48	1.55	1.155
2,2',3,4,6'-PeCB	89		J	35.3	4.72	1.68	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	27500	3.90	1.57	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92			4110	4.49	1.58	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	10400	4.36	1.57	1.121
2,2',3,5,6'-PeCB	94		K J	18.1	5.01	1.98	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			54.3	1.26	1.58	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			336	4.05	1.59	1.092
2,2',4,6,6'-PeCB	104		K J	2.01	1.26	2.14	1.001
2,3,3',4,4'-PeCB	105		B	7830	6.82	1.43	1.001
2,3,3',4,5-PeCB	106		U		7.87		
2,3,3',4',5-PeCB	107	107 + 124	C	492	8.00	1.56	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109			2270	7.22	1.45	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	14200	3.31	1.57	0.925
2,3,3',5,5'-PeCB	111		K J	30.9	3.37	2.48	0.944
2,3,3',5,6-PeCB	112		U		3.21		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114			548	6.93	1.43	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			24600	6.53	1.42	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		K	185	3.16	1.84	0.957
2,3',4,5',6-PeCB	121		J	11.0	3.41	1.40	1.198
2',3,3',4,5-PeCB	122			84.0	8.56	1.68	1.010
2',3,4,4',5-PeCB	123			465	6.97	1.54	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		X				
3,3',4,5,5'-PeCB	127			70.9	8.06	1.48	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	5760	8.22	1.24	0.960
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	57800	8.24	1.25	0.929
2,2',3,3',4,5'-HxCB	130			3050	10.1	1.22	0.914
2,2',3,3',4,6-HxCB	131			171	9.97	1.28	1.161
2,2',3,3',4,6'-HxCB	132			3650	10.6	1.24	1.178
2,2',3,3',5,5'-HxCB	133			1060	9.33	1.24	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	1220	9.89	1.25	1.142
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C	11900	1.47	1.29	1.106
2,2',3,3',6,6'-HxCB	136			2370	1.15	1.26	1.027
2,2',3,4,4',5-HxCB	137			2380	9.33	1.23	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	652	8.81	1.23	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141			4450	8.75	1.25	0.904
2,2',3,4,5,6-HxCB	142		U		10.0		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144			1530	1.48	1.26	1.123
2,2',3,4,6,6'-HxCB	145		J	8.70	1.22	1.21	1.035
2,2',3,4',5,5'-HxCB	146			10700	8.51	1.26	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	14500	8.95	1.26	1.135
2,2',3,4',5,6'-HxCB	148			71.9	1.54	1.26	1.085
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			62.8	1.15	1.33	1.014
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	10.6	1.14	1.27	1.009
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	71800	7.24	1.24	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		K J	9.81	1.03	1.04	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C	5840	9.99	1.23	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158			5060	6.50	1.25	0.938
2,3,3',4,5,5'-HxCB	159			75.0	6.82	1.17	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		6.65		
2,3,3',4',5,5'-HxCB	162			199	6.98	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	1080	7.22	1.23	0.922
2,3,3',5,5',6-HxCB	165			44.5	7.83	1.30	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			2570	6.45	1.28	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	12600	1.65	1.05	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	3550	1.60	1.05	1.164
2,2',3,3',4,5,5'-HpCB	172			1930	1.62	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	1390	1.49	1.06	1.134
2,2',3,3',4,5',6-HpCB	175			448	1.44	1.04	1.103
2,2',3,3',4,6,6'-HpCB	176		B	477	1.10	1.06	1.035
2,2',3,3',4',5,6-HpCB	177		B	5440	1.47	1.06	1.147
2,2',3,3',5,5',6-HpCB	178			2870	1.50	1.04	1.085
2,2',3,3',5,6,6'-HpCB	179		B	2310	1.08	1.03	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	32700	1.29	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			109	1.52	1.01	1.157
2,2',3,4,4',5,6'-HpCB	182			105	1.40	0.95	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C	10700	1.44	1.04	1.127
2,2',3,4,4',6,6'-HpCB	184		J	13.4	1.07	1.15	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		1.15		
2,2',3,4',5,5',6-HpCB	187		B	20400	1.36	1.04	1.111
2,2',3,4',5,6,6'-HpCB	188			39.5	1.09	1.17	1.001
2,3,3',4,4',5,5'-HpCB	189			376	6.01	0.91	1.000
2,3,3',4,4',5,6-HpCB	190			2670	1.17	1.08	0.947
2,3,3',4,4',5',6-HpCB	191			579	1.19	1.09	0.917
2,3,3',4,5,5',6-HpCB	192		U		1.29		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194			4280	2.64	0.88	0.992
2,2',3,3',4,4',5,6-OcCB	195			1770	2.97	0.88	0.946
2,2',3,3',4,4',5,6'-OcCB	196			2440	1.26	0.90	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C	310	0.921	0.85	1.045
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	3430	1.29	0.87	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			627	0.898	0.86	1.022
2,2',3,3',5,5',6,6'-OcCB	202			1390	0.997	0.89	1.000
2,2',3,4,4',5,5',6-OcCB	203			3890	1.20	0.88	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	3.54	0.924	0.96	1.038
2,3,3',4,4',5,5',6-OcCB	205			231	2.14	0.84	1.001
2,2',3,3',4,4',5,5',6-NoCB	206			1040	2.53	0.76	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			141	2.00	0.71	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208			183	1.93	0.72	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209			143	0.768	0.66	1.001

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T1-M-ES-WB-comp3
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-2
Matrix:	TISSUE	**Sample Size:**	2.03 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	30-Jun-2008 **Time:** 20:17:15	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_264F S: 6**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_264F S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		K J	2.76	1.64	2.02	1.000
3-MoCB	2		U		1.79		
4-MoCB	3		J	2.61	2.29	2.87	1.001
2,2'-DiCB	4			94.6	7.45	1.48	1.000
2,3-DiCB	5		U		5.70		
2,3'-DiCB	6			76.6	5.15	1.50	1.173
2,4-DiCB	7		K J	11.9	5.28	1.20	1.154
2,4'-DiCB	8			225	4.76	1.50	1.204
2,5-DiCB	9		K J	13.9	4.94	1.15	1.142
2,6-DiCB	10		K J	7.11	4.80	1.19	1.013
3,3'-DiCB	11		K J	25.7	5.53	1.14	0.972
3,4-DiCB	12	12 + 13	C U		5.68		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		5.31		
4,4'-DiCB	15		K J	15.4	6.65	1.16	0.999
2,2',3-TriCB	16			276	1.43	1.07	1.164
2,2',4-TriCB	17			812	1.19	1.05	1.135
2,2',5-TriCB	18	18 + 30	C B	1410	1.01	1.05	1.111
2,2',6-TriCB	19			166	1.29	1.06	1.001
2,3,3'-TriCB	20	20 + 28	C B	5660	5.14	0.96	0.847
2,3,4-TriCB	21	21 + 33	C	773	4.76	0.94	0.857
2,3,4'-TriCB	22			910	5.41	0.95	0.871
2,3,5-TriCB	23		U		5.29		
2,3,6-TriCB	24		J	23.4	0.913	1.18	1.156
2,3',4-TriCB	25			400	4.61	0.90	0.824
2,3',5-TriCB	26	26 + 29	C	967	5.06	0.93	1.297
2,3',6-TriCB	27			227	0.833	1.02	1.148
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	2700	4.63	0.97	0.836
2,4',6-TriCB	32			767	4.84	0.95	1.195
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	25.5	5.24	0.95	1.269
3,3',4-TriCB	35		U		5.46		
3,3',5-TriCB	36		U		5.09		
3,4,4'-TriCB	37			135	5.95	0.93	1.001
3,4,5-TriCB	38		K J	10.8	5.50	0.86	0.967

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		J	21.7	5.44	1.09	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C	3590	1.79	0.78	1.334
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42			2940	1.85	0.79	1.309
2,2',3,5-TeCB	43			461	2.05	0.74	1.243
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	10800	1.63	0.79	1.283
2,2',3,6-TeCB	45	45 + 51	C B	1340	1.84	0.76	1.145
2,2',3,6'-TeCB	46			199	2.10	0.82	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			1300	1.80	0.79	1.270
2,2',4,5'-TeCB	49	49 + 69	C	12800	1.51	0.79	1.256
2,2',4,6-TeCB	50	50 + 53	C	1350	1.77	0.79	1.109
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	19600	1.68	0.78	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	18.8	1.28	0.81	1.001
2,3,3',4-TeCB	55			703	17.3	0.72	0.889
2,3,3',4'-TeCB	56			1770	17.3	0.71	0.905
2,3,3',5-TeCB	57		K	61.9	15.2	0.65	0.843
2,3,3',5'-TeCB	58		J	33.8	15.9	0.69	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	1450	1.35	0.79	1.299
2,3,4,4'-TeCB	60			3450	17.6	0.71	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	20600	15.3	0.71	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			686	15.0	0.72	0.863
2,3,4',6-TeCB	64			5140	1.29	0.79	1.345
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	16800	15.5	0.70	0.884
2,3',4,5-TeCB	67			171	14.1	0.69	0.855
2,3',4,5'-TeCB	68			135	17.0	0.75	0.830
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			271	16.5	0.66	0.822
2,3',5',6-TeCB	73		U		1.38		
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			291	34.0	0.70	1.000
3,3',4,5-TeCB	78		U		17.4		
3,3',4,5'-TeCB	79			232	15.3	0.67	0.969
3,3',5,5'-TeCB	80		U		15.3		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82			2210	24.1	1.57	0.935
2,2',3,3',5-PeCB	83	83 + 99	C B	41800	22.0	1.57	0.886
2,2',3,3',6-PeCB	84			4050	24.4	1.57	1.165
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C	9610	17.9	1.58	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	26900	18.5	1.58	0.902
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C	6360	21.5	1.59	1.155
2,2',3,4,6'-PeCB	89			174	22.7	1.49	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	69300	18.7	1.57	0.870
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92			11400	21.6	1.57	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	25200	20.9	1.57	1.122
2,2',3,5,6'-PeCB	94			128	24.1	1.51	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			133	0.926	1.54	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			1060	19.5	1.55	1.093
2,2',4,6,6'-PeCB	104		J	12.5	0.926	1.42	1.001
2,3,3',4,4'-PeCB	105		B	12800	9.91	1.45	1.001
2,3,3',4,5-PeCB	106		U		11.4		
2,3,3',4',5-PeCB	107	107 + 124	C	1240	11.6	1.46	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109			3630	10.5	1.46	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	42000	15.9	1.57	0.926
2,3,3',5,5'-PeCB	111			44.8	16.2	1.62	0.945
2,3,3',5,6-PeCB	112		U		15.4		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114			855	10.2	1.38	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			44800	9.47	1.45	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			329	15.2	1.61	0.957
2,3',4,5',6-PeCB	121		J	39.0	16.4	1.54	1.198
2',3,3',4,5-PeCB	122			139	12.4	1.52	1.010
2',3,4,4',5-PeCB	123			702	10.1	1.48	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		X				
3,3',4,5,5'-PeCB	127			95.6	11.7	1.40	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	12200	15.2	1.24	0.960
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	110000	15.3	1.25	0.929
2,2',3,3',4,5'-HxCB	130			5030	18.8	1.26	0.914
2,2',3,3',4,6-HxCB	131			603	18.5	1.17	1.161
2,2',3,3',4,6'-HxCB	132			16900	19.7	1.25	1.177
2,2',3,3',5,5'-HxCB	133			1770	17.3	1.25	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	3050	18.3	1.25	1.142
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C	32500	1.34	1.27	1.105
2,2',3,3',6,6'-HxCB	136			7470	1.05	1.26	1.026
2,2',3,4,4',5-HxCB	137			3450	17.3	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	1930	16.3	1.25	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141			14300	16.2	1.26	0.904
2,2',3,4,5,6-HxCB	142		U		18.5		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144			4800	1.35	1.27	1.123
2,2',3,4,6,6'-HxCB	145		J	18.5	1.11	1.23	1.036
2,2',3,4',5,5'-HxCB	146			19600	15.7	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	63000	16.6	1.25	1.135
2,2',3,4',5,6'-HxCB	148			233	1.40	1.21	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			217	1.05	1.23	1.014
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			42.1	1.03	1.21	1.008
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	139000	13.4	1.25	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		K J	23.4	0.909	1.61	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C	8130	18.5	1.25	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158			8790	12.0	1.26	0.938
2,3,3',4,5,5'-HxCB	159			602	12.6	1.22	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		12.3		
2,3,3',4',5,5'-HxCB	162			302	12.9	1.40	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		B	4260	13.4	1.27	0.922
2,3,3',5,5',6-HxCB	165			76.5	14.5	1.23	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			4470	12.3	1.25	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	22300	1.35	1.05	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	8210	1.31	1.04	1.164
2,2',3,3',4,5,5'-HpCB	172			4520	1.33	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	14700	1.22	1.06	1.135
2,2',3,3',4,5',6-HpCB	175			1180	1.18	1.07	1.103
2,2',3,3',4,6,6'-HpCB	176		B	3070	0.899	1.02	1.035
2,2',3,3',4',5,6-HpCB	177		B	15600	1.20	1.05	1.147
2,2',3,3',5,5',6-HpCB	178			6130	1.23	1.04	1.085
2,2',3,3',5,6,6'-HpCB	179		B	10500	0.882	1.05	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	59500	1.06	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			218	1.24	0.99	1.157
2,2',3,4,4',5,6'-HpCB	182			275	1.14	1.12	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C	24900	1.18	1.04	1.127
2,2',3,4,4',6,6'-HpCB	184		J	26.2	0.875	0.98	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		0.946		
2,2',3,4',5,5',6-HpCB	187		B	45500	1.12	1.04	1.111
2,2',3,4',5,6,6'-HpCB	188			80.8	0.863	1.06	1.001
2,3,3',4,4',5,5'-HpCB	189			635	7.01	0.92	1.001
2,3,3',4,4',5,6-HpCB	190			5570	0.959	1.04	0.947
2,3,3',4,4',5',6-HpCB	191			1260	0.973	1.03	0.917
2,3,3',4,5,5',6-HpCB	192		U		1.05		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194			9500	4.14	0.87	0.992
2,2',3,3',4,4',5,6-OcCB	195			3460	4.67	0.91	0.946
2,2',3,3',4,4',5,6'-OcCB	196			5790	1.06	0.89	0.915
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C	1580	0.773	0.89	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	11900	1.08	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			1730	0.753	0.90	1.022
2,2',3,3',5,5',6,6'-OcCB	202			3020	0.815	0.90	1.000
2,2',3,4,4',5,5',6-OcCB	203			8950	1.01	0.90	0.919
2,2',3,4,4',5,6,6'-OcCB	204		K J	3.87	0.776	0.66	1.038
2,3,3',4,4',5,5',6-OcCB	205			554	3.47	0.89	1.001
2,2',3,3',4,4',5,5',6-NoCB	206			3110	2.70	0.76	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			423	2.11	0.76	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208			820	2.02	0.77	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209			549	1.02	0.69	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T1-M-SC-EM-comp2
Sample Collection:
06-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-3
Matrix:	TISSUE	**Sample Size:**	5.09 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	30-Jun-2008 **Time:** 17:04:11	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	20	**Sample Data Filename:**	**PB8C_264F S: 3**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_264F S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	0.270	0.0982	3.39	1.001
3-MoCB	2		K J	0.137	0.0982	2.20	0.987
4-MoCB	3		J	0.282	0.0982	3.35	1.000
2,2'-DiCB	4			2.63	0.217	1.65	1.001
2,3-DiCB	5		U		0.161		
2,3'-DiCB	6			1.18	0.146	1.53	1.174
2,4-DiCB	7		J	0.445	0.149	1.35	1.155
2,4'-DiCB	8			3.31	0.134	1.42	1.204
2,5-DiCB	9		J	0.254	0.140	1.53	1.143
2,6-DiCB	10		U		0.136		
3,3'-DiCB	11			2.84	0.156	1.39	0.968
3,4-DiCB	12	12 + 13	C K J	0.335	0.161	2.16	0.983
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		0.150		
4,4'-DiCB	15			74.5	0.183	1.42	1.001
2,2',3-TriCB	16			6.17	0.0982	1.09	1.165
2,2',4-TriCB	17			11.9	0.0982	1.08	1.135
2,2',5-TriCB	18	18 + 30	C B	339	0.0982	1.05	1.112
2,2',6-TriCB	19			1.28	0.0982	0.93	1.001
2,3,3'-TriCB	20	20 + 28	C B	1520	0.123	0.95	0.847
2,3,4-TriCB	21	21 + 33	C U		0.114		
2,3,4'-TriCB	22			99.4	0.129	0.94	0.873
2,3,5-TriCB	23		U		0.126		
2,3,6-TriCB	24		K J	0.194	0.0982	1.25	1.157
2,3',4-TriCB	25			6.17	0.110	0.95	0.825
2,3',5-TriCB	26	26 + 29	C	157	0.121	0.93	1.297
2,3',6-TriCB	27			1.18	0.0982	0.94	1.149
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	404	0.111	0.95	0.837
2,4',6-TriCB	32			6.51	0.116	0.98	1.195
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	0.266	0.125	0.89	1.269
3,3',4-TriCB	35		U		0.130		
3,3',5-TriCB	36		U		0.122		
3,4,4'-TriCB	37			200	0.138	0.94	1.001
3,4,5-TriCB	38		K J	0.312	0.131	0.62	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		K	2.71	0.130	0.85	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C	120	0.0982	0.78	1.334
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42			344	0.0982	0.79	1.308
2,2',3,5-TeCB	43			48.1	0.0982	0.80	1.243
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	1990	0.0982	0.79	1.282
2,2',3,6-TeCB	45	45 + 51	C B	10.5	0.0982	0.76	1.145
2,2',3,6'-TeCB	46			2.35	0.0982	0.69	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			85.7	0.0982	0.78	1.270
2,2',4,5'-TeCB	49	49 + 69	C	1960	0.0982	0.79	1.256
2,2',4,6-TeCB	50	50 + 53	C	14.9	0.0982	0.77	1.109
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	3890	0.0982	0.79	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		U		0.0982		
2,3,3',4-TeCB	55			61.4	1.10	0.70	0.888
2,3,3',4'-TeCB	56			455	1.10	0.70	0.905
2,3,3',5-TeCB	57			6.65	0.968	0.68	0.843
2,3,3',5'-TeCB	58			7.85	1.01	0.70	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	96.4	0.0982	0.78	1.299
2,3,4,4'-TeCB	60			595	1.12	0.69	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	2510	0.979	0.70	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			126	0.957	0.69	0.864
2,3,4',6-TeCB	64			661	0.0982	0.79	1.345
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	2560	0.991	0.71	0.884
2,3',4,5-TeCB	67			24.2	0.900	0.70	0.856
2,3',4,5'-TeCB	68			23.2	1.08	0.70	0.830
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			52.1	1.05	0.69	0.822
2,3',5',6-TeCB	73		U		0.0982		
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			137	1.09	0.69	1.000
3,3',4,5-TeCB	78		U		1.11		
3,3',4,5'-TeCB	79			33.2	0.978	0.67	0.970
3,3',5,5'-TeCB	80		U		0.978		
3,4,4',5-TeCB	81			8.20	1.04	0.68	1.000
2,2',3,3',4-PeCB	82			221	0.403	1.59	0.935
2,2',3,3',5-PeCB	83	83 + 99	C B	4700	0.369	1.57	0.886
2,2',3,3',6-PeCB	84			252	0.408	1.59	1.165
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C	959	0.300	1.58	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	2590	0.310	1.57	0.902
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C	531	0.360	1.59	1.155
2,2',3,4,6'-PeCB	89			1.07	0.379	1.70	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	7200	0.313	1.58	0.870
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92			1340	0.361	1.57	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	2280	0.350	1.57	1.121
2,2',3,5,6'-PeCB	94			2.79	0.403	1.66	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			0.799	0.0982	1.51	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			71.5	0.326	1.59	1.092
2,2',4,6,6'-PeCB	104		K J	0.129	0.0982	1.94	1.001
2,3,3',4,4'-PeCB	105		B	1830	0.0982	1.45	1.000
2,3,3',4,5-PeCB	106		U		0.0982		
2,3,3',4',5-PeCB	107	107 + 124	C	156	0.0982	1.44	0.990
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109			315	0.0982	1.42	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	2450	0.266	1.57	0.926
2,3,3',5,5'-PeCB	111			6.96	0.271	1.35	0.945
2,3,3',5,6-PeCB	112		U		0.258		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114			119	0.0982	1.40	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			5540	0.0982	1.43	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			15.9	0.254	1.45	0.957
2,3',4,5',6-PeCB	121		J	0.745	0.275	1.50	1.198
2',3,3',4,5-PeCB	122			38.6	0.0982	1.38	1.011
2',3,4,4',5-PeCB	123			98.4	0.0982	1.42	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			10.1	0.0982	1.39	1.000
3,3',4,5,5'-PeCB	127			5.70	0.0982	1.66	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	1400	0.881	1.24	0.960
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	11500	0.883	1.25	0.929
2,2',3,3',4,5'-HxCB	130			518	1.09	1.26	0.914
2,2',3,3',4,6-HxCB	131			58.4	1.07	1.30	1.161
2,2',3,3',4,6'-HxCB	132			1030	1.14	1.25	1.178
2,2',3,3',5,5'-HxCB	133			232	1.00	1.25	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	248	1.06	1.30	1.142
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C	2540	0.0982	1.28	1.106
2,2',3,3',6,6'-HxCB	136			238	0.0982	1.27	1.027
2,2',3,4,4',5-HxCB	137			339	0.999	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	146	0.944	1.30	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141			1210	0.938	1.25	0.903
2,2',3,4,5,6-HxCB	142		U		1.07		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144			279	0.0982	1.27	1.123
2,2',3,4,6,6'-HxCB	145		J	0.215	0.0982	1.23	1.036
2,2',3,4',5,5'-HxCB	146			2210	0.912	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	7210	0.959	1.26	1.135
2,2',3,4',5,6'-HxCB	148			15.2	0.0982	1.28	1.085
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			16.8	0.0982	1.29	1.014
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			0.786	0.0982	1.14	1.009
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	12400	0.775	1.25	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155			2.03	0.0982	1.22	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C	1000	1.05	1.25	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158			667	0.696	1.26	0.938
2,3,3',4,5,5'-HxCB	159			38.1	0.731	1.31	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		0.713		
2,3,3',4',5,5'-HxCB	162			23.2	0.747	1.37	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		B	476	0.773	1.24	0.922
2,3,3',5,5',6-HxCB	165			10.5	0.839	1.31	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			423	0.703	1.24	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		U		6.56		
2,2',3,3',4,4',5-HpCB	170		B	1340	0.123	1.05	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	611	0.120	1.05	1.164
2,2',3,3',4,5,5'-HpCB	172			269	0.121	1.04	0.897
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		B	910	0.111	1.06	1.134
2,2',3,3',4,5',6-HpCB	175			79.0	0.107	1.08	1.103
2,2',3,3',4,6,6'-HpCB	176		B	211	0.0982	1.04	1.035
2,2',3,3',4',5,6-HpCB	177		B	1350	0.110	1.04	1.147
2,2',3,3',5,5',6-HpCB	178			681	0.112	1.05	1.085
2,2',3,3',5,6,6'-HpCB	179		B	586	0.0982	1.06	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	4110	0.0982	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			13.5	0.114	1.11	1.157
2,2',3,4,4',5,6'-HpCB	182			19.6	0.105	1.07	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C	1630	0.108	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184			2.36	0.0982	1.12	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		0.0982		
2,2',3,4',5,5',6-HpCB	187		B	3900	0.102	1.05	1.111
2,2',3,4',5,6,6'-HpCB	188			6.91	0.0982	0.99	1.001
2,3,3',4,4',5,5'-HpCB	189			51.2	0.273	0.93	1.000
2,3,3',4,4',5,6-HpCB	190			412	0.0982	1.05	0.947
2,3,3',4,4',5',6-HpCB	191			84.2	0.0982	1.05	0.917
2,3,3',4,5,5',6-HpCB	192		U		0.0982		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194			349	0.143	0.90	0.991
2,2',3,3',4,4',5,6-OcCB	195			150	0.161	0.88	0.946
2,2',3,3',4,4',5,6'-OcCB	196			221	0.0982	0.90	0.915
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C	71.8	0.0982	0.87	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	525	0.0982	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			99.2	0.0982	0.88	1.022
2,2',3,3',5,5',6,6'-OcCB	202			222	0.0982	0.91	1.000
2,2',3,4,4',5,5',6-OcCB	203			336	0.0982	0.89	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	0.224	0.0982	0.90	1.038
2,3,3',4,4',5,5',6-OcCB	205			17.6	0.117	0.86	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			63.9	0.0982	0.79	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			9.51	0.0982	0.77	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208			26.5	0.0982	0.77	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209			12.7	0.0982	0.69	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T2-A-ES-WB-comp2
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-4
Matrix:	TISSUE	**Sample Size:**	2.08 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	01-Jul-2008 **Time:** 07:09:13	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_265 S: 10**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_265 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	7.54	1.07	3.36	1.001
3-MoCB	2		U		1.28		
4-MoCB	3		U		1.67		
2,2'-DiCB	4			270	8.78	1.47	1.000
2,3-DiCB	5		U		6.38		
2,3'-DiCB	6			401	5.79	1.50	1.173
2,4-DiCB	7		K J	19.0	5.85	1.21	1.154
2,4'-DiCB	8			522	5.39	1.44	1.204
2,5-DiCB	9		J	34.4	5.75	1.39	1.142
2,6-DiCB	10		K J	13.5	5.52	1.21	1.012
3,3'-DiCB	11		J	13.1	6.36	1.54	0.967
3,4-DiCB	12	12 + 13	C K J	11.7	6.42	1.19	0.984
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		5.95		
4,4'-DiCB	15		J	30.2	7.74	1.34	0.999
2,2',3-TriCB	16			551	1.70	1.02	1.165
2,2',4-TriCB	17			2260	1.52	1.07	1.136
2,2',5-TriCB	18	18 + 30	C B	4870	1.27	1.06	1.111
2,2',6-TriCB	19			407	1.61	1.05	1.001
2,3,3'-TriCB	20	20 + 28	C B	12200	6.82	0.97	0.847
2,3,4-TriCB	21	21 + 33	C	1940	6.61	0.98	0.856
2,3,4'-TriCB	22			1820	7.49	1.01	0.872
2,3,5-TriCB	23		J	9.95	7.00	1.00	1.279
2,3,6-TriCB	24			58.0	1.14	0.99	1.157
2,3',4-TriCB	25			1670	6.10	0.94	0.824
2,3',5-TriCB	26	26 + 29	C	4290	6.66	0.95	1.297
2,3',6-TriCB	27			802	1.09	1.06	1.149
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	8760	6.35	0.97	0.836
2,4',6-TriCB	32			1450	6.52	0.96	1.195
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34			104	6.62	0.91	1.270
3,3',4-TriCB	35		U		7.89		
3,3',5-TriCB	36		U		6.97		
3,4,4'-TriCB	37			281	7.91	0.91	1.001
3,4,5-TriCB	38		J	21.8	7.38	0.89	0.967

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39			38.7	7.30	0.90	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C	6160	0.819	0.79	1.333
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42			5940	0.845	0.78	1.308
2,2',3,5-TeCB	43			1060	0.993	0.76	1.243
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	23400	0.752	0.78	1.282
2,2',3,6-TeCB	45	45 + 51	C B	2680	0.846	0.78	1.145
2,2',3,6'-TeCB	46			379	0.972	0.77	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			2070	0.836	0.76	1.269
2,2',4,5'-TeCB	49	49 + 69	C	30500	0.703	0.79	1.255
2,2',4,6-TeCB	50	50 + 53	C	3270	0.827	0.79	1.109
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	44800	0.773	0.79	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54			45.0	0.601	0.80	1.001
2,3,3',4-TeCB	55			1250	50.1	0.72	0.889
2,3,3',4'-TeCB	56			3550	49.9	0.73	0.905
2,3,3',5-TeCB	57			278	46.0	0.70	0.843
2,3,3',5'-TeCB	58			98.0	47.0	0.72	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	3120	0.624	0.79	1.299
2,3,4,4'-TeCB	60			6220	49.9	0.72	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	48400	43.9	0.72	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			1720	44.9	0.74	0.864
2,3,4',6-TeCB	64			10900	0.591	0.78	1.345
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	31700	45.6	0.71	0.884
2,3',4,5-TeCB	67			496	42.9	0.72	0.856
2,3',4,5'-TeCB	68			478	44.3	0.74	0.830
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			906	43.7	0.72	0.822
2,3',5',6-TeCB	73		U		0.634		
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			533	46.2	0.76	1.000
3,3',4,5-TeCB	78		U		46.1		
3,3',4,5'-TeCB	79		K	482	38.7	0.64	0.969
3,3',5,5'-TeCB	80		U		44.3		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82			4110	36.0	1.56	0.935
2,2',3,3',5-PeCB	83	83 + 99	C B	64400	32.7	1.57	0.886
2,2',3,3',6-PeCB	84			8680	36.9	1.57	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C	13800	27.0	1.56	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	46900	28.0	1.57	0.902
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C	11100	32.3	1.55	1.155
2,2',3,4,6'-PeCB	89			313	34.2	1.60	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	110000	28.5	1.57	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92			19900	32.9	1.56	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	45700	31.6	1.57	1.121
2,2',3,5,6'-PeCB	94			239	35.6	1.59	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			298	1.34	1.61	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			1640	29.4	1.56	1.092
2,2',4,6,6'-PeCB	104		J	13.7	1.25	1.34	1.001
2,3,3',4,4'-PeCB	105		B	19900	10.9	1.46	1.000
2,3,3',4,5-PeCB	106		U		11.7		
2,3,3',4',5-PeCB	107	107 + 124	C	2050	12.0	1.52	0.990
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109			6510	11.4	1.46	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	75800	24.2	1.56	0.925
2,3,3',5,5'-PeCB	111			105	24.3	1.38	0.944
2,3,3',5,6-PeCB	112		U		23.6		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114			1570	11.5	1.49	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			75400	10.5	1.46	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			584	23.1	1.53	0.957
2,3',4,5',6-PeCB	121			47.9	24.9	1.63	1.198
2',3,3',4,5-PeCB	122			244	12.6	1.53	1.011
2',3,4,4',5-PeCB	123			1230	11.6	1.47	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		X				
3,3',4,5,5'-PeCB	127			155	12.8	1.46	1.040
2,2',3,3',4,4'-HxCB	128	128 + 166	C	14300	8.51	1.25	0.960
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	141000	8.63	1.24	0.929
2,2',3,3',4,5'-HxCB	130			6610	10.4	1.24	0.914
2,2',3,3',4,6-HxCB	131			871	9.82	1.24	1.161
2,2',3,3',4,6'-HxCB	132			23900	10.4	1.26	1.177
2,2',3,3',5,5'-HxCB	133			2530	9.60	1.22	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	4830	9.89	1.22	1.142
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C	41700	1.04	1.26	1.106
2,2',3,3',6,6'-HxCB	136			10600	0.812	1.27	1.027
2,2',3,4,4',5-HxCB	137			5710	10.2	1.23	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	2370	8.95	1.28	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141			19500	9.04	1.24	0.904
2,2',3,4,5,6-HxCB	142		U		10.2		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144			5800	1.05	1.25	1.123
2,2',3,4,6,6'-HxCB	145		J	33.2	0.857	1.12	1.035
2,2',3,4',5,5'-HxCB	146			22200	8.30	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	84700	8.82	1.25	1.135
2,2',3,4',5,6'-HxCB	148			343	1.09	1.22	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			283	0.832	1.20	1.014
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			69.2	0.800	1.14	1.009
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	156000	7.36	1.24	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	20.2	0.697	1.23	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C	11600	10.2	1.25	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158			11700	6.61	1.24	0.938
2,3,3',4,5,5'-HxCB	159			772	7.05	1.29	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		6.86		
2,3,3',4',5,5'-HxCB	162			358	7.30	1.35	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		B	5610	7.08	1.22	0.922
2,3,3',5,5',6-HxCB	165			96.4	7.82	1.12	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			5320	6.83	1.25	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	21600	2.91	1.05	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	7790	2.89	1.06	1.163
2,2',3,3',4,5,5'-HpCB	172			4350	2.90	1.04	0.897
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		B	17400	2.74	1.05	1.134
2,2',3,3',4,5',6-HpCB	175			1140	2.70	1.01	1.102
2,2',3,3',4,6,6'-HpCB	176		B	3230	2.04	1.06	1.035
2,2',3,3',4',5,6-HpCB	177		B	15600	2.69	1.05	1.146
2,2',3,3',5,5',6-HpCB	178			6640	2.81	1.04	1.085
2,2',3,3',5,6,6'-HpCB	179		B	10300	2.00	1.06	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	61000	2.30	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			246	2.79	1.08	1.157
2,2',3,4,4',5,6'-HpCB	182			266	2.56	1.12	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C	24400	2.61	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		J	27.2	1.97	0.98	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		2.13		
2,2',3,4',5,5',6-HpCB	187		B	44000	2.50	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			76.6	1.94	1.01	1.000
2,3,3',4,4',5,5'-HpCB	189			625	8.02	0.92	1.000
2,3,3',4,4',5,6-HpCB	190			6310	2.11	1.05	0.947
2,3,3',4,4',5',6-HpCB	191			1210	2.12	1.04	0.917
2,3,3',4,5,5',6-HpCB	192		U		2.35		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194			8090	7.05	0.86	0.991
2,2',3,3',4,4',5,6-OcCB	195			3160	7.31	0.89	0.946
2,2',3,3',4,4',5,6'-OcCB	196			5260	1.19	0.88	0.915
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C	1400	0.900	0.85	1.047
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	10700	1.24	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			1340	0.886	0.88	1.023
2,2',3,3',5,5',6,6'-OcCB	202			2380	0.975	0.88	1.000
2,2',3,4,4',5,5',6-OcCB	203			7720	1.13	0.88	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	3.40	0.899	0.93	1.039
2,3,3',4,4',5,5',6-OcCB	205			535	5.76	0.91	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			1950	3.36	0.79	1.001
2,2',3,3',4,4',5,6,6'-NoCB	207			259	2.67	0.78	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208			514	2.66	0.78	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209			277	1.01	0.68	1.001

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T2-B-SS-WB-comp1
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-5
Matrix:	TISSUE	**Sample Size:**	2.02 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	30-Jun-2008 **Time:** 18:08:34	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_264F S: 4**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_264F S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		K J	3.57	2.86	3.85	1.001
3-MoCB	2		U		3.22		
4-MoCB	3		U		4.20		
2,2'-DiCB	4			40.2	11.3	1.35	1.001
2,3-DiCB	5		U		8.42		
2,3'-DiCB	6		J	22.8	7.62	1.63	1.173
2,4-DiCB	7		U		7.81		
2,4'-DiCB	8		J	25.1	7.04	1.38	1.204
2,5-DiCB	9		K J	7.99	7.31	1.19	1.142
2,6-DiCB	10		U		7.11		
3,3'-DiCB	11		J	12.4	8.18	1.35	0.968
3,4-DiCB	12	12 + 13	C U		8.41		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		7.85		
4,4'-DiCB	15			55.1	9.68	1.63	1.000
2,2',3-TriCB	16		K J	22.4	3.36	0.77	1.164
2,2',4-TriCB	17			147	2.81	0.97	1.136
2,2',5-TriCB	18	18 + 30	C B	648	2.39	1.05	1.111
2,2',6-TriCB	19			80.2	3.08	1.11	1.001
2,3,3'-TriCB	20	20 + 28	C B	2650	2.63	0.95	0.847
2,3,4-TriCB	21	21 + 33	C	98.6	2.43	0.97	0.857
2,3,4'-TriCB	22			138	2.76	0.99	0.872
2,3,5-TriCB	23		U		2.70		
2,3,6-TriCB	24		J	5.95	2.15	1.14	1.158
2,3',4-TriCB	25			271	2.36	0.94	0.824
2,3',5-TriCB	26	26 + 29	C	926	2.59	0.93	1.297
2,3',6-TriCB	27			124	1.96	1.05	1.149
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	1330	2.37	0.96	0.836
2,4',6-TriCB	32			376	2.47	0.92	1.195
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	14.0	2.67	0.91	1.270
3,3',4-TriCB	35		U		2.79		
3,3',5-TriCB	36		U		2.60		
3,4,4'-TriCB	37			277	3.01	0.89	1.001
3,4,5-TriCB	38		K J	5.66	2.81	0.80	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		U		2.78		
2,2',3,3'-TeCB	40	40 + 41 + 71	C	790	3.07	0.78	1.336
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42			311	3.18	0.84	1.309
2,2',3,5-TeCB	43			91.0	3.52	0.84	1.244
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	3760	2.80	0.79	1.283
2,2',3,6-TeCB	45	45 + 51	C B	326	3.15	0.77	1.146
2,2',3,6'-TeCB	46		K	98.3	3.61	0.92	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			260	3.09	0.77	1.271
2,2',4,5'-TeCB	49	49 + 69	C	5330	2.60	0.79	1.256
2,2',4,6-TeCB	50	50 + 53	C	754	3.05	0.81	1.110
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	10400	2.89	0.79	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	7.44	2.25	0.87	1.002
2,3,3',4-TeCB	55			166	1.09	0.68	0.890
2,3,3',4'-TeCB	56			313	1.09	0.73	0.905
2,3,3',5-TeCB	57			51.0	0.957	0.69	0.844
2,3,3',5'-TeCB	58		J	21.2	1.00	0.74	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	563	2.31	0.80	1.300
2,3,4,4'-TeCB	60			759	1.11	0.69	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	7460	0.968	0.71	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			342	0.946	0.68	0.864
2,3,4',6-TeCB	64			1660	2.21	0.78	1.346
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	4080	0.980	0.70	0.884
2,3',4,5-TeCB	67			128	0.891	0.70	0.856
2,3',4,5'-TeCB	68			131	1.07	0.67	0.830
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			186	1.04	0.73	0.822
2,3',5',6-TeCB	73		U		2.37		
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			314	1.05	0.68	1.000
3,3',4,5-TeCB	78		U		1.10		
3,3',4,5'-TeCB	79		K	60.8	0.968	0.62	0.970
3,3',5,5'-TeCB	80		U		0.967		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82			244	6.72	1.50	0.935
2,2',3,3',5-PeCB	83	83 + 99	C B	15900	6.14	1.56	0.886
2,2',3,3',6-PeCB	84			1340	6.79	1.59	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C	1460	5.00	1.56	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	7560	5.16	1.57	0.902
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C	1580	6.00	1.58	1.155
2,2',3,4,6'-PeCB	89		J	30.2	6.32	1.52	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	22600	5.22	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92			3820	6.02	1.60	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	9180	5.83	1.56	1.121
2,2',3,5,6'-PeCB	94		J	23.0	6.71	1.61	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		K	56.3	3.10	1.82	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			351	5.43	1.54	1.093
2,2',4,6,6'-PeCB	104		U		2.97		
2,3,3',4,4'-PeCB	105		B	5050	2.07	1.42	1.000
2,3,3',4,5-PeCB	106		U		2.34		
2,3,3',4',5-PeCB	107	107 + 124	C	353	2.38	1.43	0.990
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109			1740	2.15	1.41	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	11000	4.44	1.58	0.926
2,3,3',5,5'-PeCB	111		J	34.1	4.51	1.62	0.944
2,3,3',5,6-PeCB	112		U		4.30		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114			371	2.06	1.46	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			18200	2.03	1.42	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			180	4.23	1.56	0.957
2,3',4,5',6-PeCB	121		J	15.9	4.57	1.43	1.198
2',3,3',4,5-PeCB	122			60.2	2.55	1.62	1.010
2',3,4,4',5-PeCB	123			342	2.06	1.44	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		X				
3,3',4,5,5'-PeCB	127		J	23.8	2.40	1.65	1.040
2,2',3,3',4,4'-HxCB	128	128 + 166	C	4200	3.01	1.25	0.960
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	42200	3.01	1.25	0.929
2,2',3,3',4,5'-HxCB	130			2340	3.71	1.23	0.914
2,2',3,3',4,6-HxCB	131			150	3.65	1.23	1.161
2,2',3,3',4,6'-HxCB	132			3050	3.89	1.24	1.177
2,2',3,3',5,5'-HxCB	133			936	3.41	1.26	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	957	3.62	1.26	1.142
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C	10400	2.74	1.26	1.106
2,2',3,3',6,6'-HxCB	136			2120	2.14	1.29	1.027
2,2',3,4,4',5-HxCB	137			1710	3.41	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	535	3.22	1.27	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141			3860	3.20	1.24	0.904
2,2',3,4,5,6-HxCB	142		U		3.66		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144			1290	2.76	1.28	1.123
2,2',3,4,6,6'-HxCB	145		J	8.40	2.26	1.16	1.036
2,2',3,4',5,5'-HxCB	146			8690	3.11	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	12600	3.27	1.25	1.135
2,2',3,4',5,6'-HxCB	148			79.7	2.87	1.12	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		K	63.4	2.14	1.05	1.014
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	10.1	2.11	1.30	1.009
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	50800	2.65	1.25	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	11.0	1.84	1.30	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C	4180	3.68	1.24	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158			3640	2.38	1.24	0.938
2,3,3',4,5,5'-HxCB	159			68.3	2.50	1.06	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		2.43		
2,3,3',4',5,5'-HxCB	162			127	2.55	1.35	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		B	895	2.64	1.23	0.922
2,3,3',5,5',6-HxCB	165		J	35.6	2.86	1.13	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			1890	2.39	1.26	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	9820	2.16	1.05	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	2880	2.10	1.05	1.164
2,2',3,3',4,5,5'-HpCB	172			1680	2.12	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	1560	1.95	1.07	1.134
2,2',3,3',4,5',6-HpCB	175			387	1.88	1.06	1.103
2,2',3,3',4,6,6'-HpCB	176		B	462	1.44	1.11	1.035
2,2',3,3',4',5,6-HpCB	177		B	4830	1.93	1.04	1.146
2,2',3,3',5,5',6-HpCB	178			2600	1.96	1.05	1.085
2,2',3,3',5,6,6'-HpCB	179		B	2180	1.41	1.04	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	26700	1.69	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			80.3	1.99	1.08	1.157
2,2',3,4,4',5,6'-HpCB	182			80.6	1.83	1.04	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C	8760	1.89	1.04	1.127
2,2',3,4,4',6,6'-HpCB	184		J	11.3	1.40	1.12	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		1.51		
2,2',3,4',5,5',6-HpCB	187		B	16400	1.79	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188		J	26.7	1.36	1.13	1.000
2,3,3',4,4',5,5'-HpCB	189			304	3.55	0.93	1.000
2,3,3',4,4',5,6-HpCB	190			2190	1.53	1.06	0.947
2,3,3',4,4',5',6-HpCB	191			498	1.56	1.07	0.917
2,3,3',4,5,5',6-HpCB	192		U		1.69		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194			3250	2.54	0.88	0.991
2,2',3,3',4,4',5,6-OcCB	195			1390	2.86	0.86	0.946
2,2',3,3',4,4',5,6'-OcCB	196			2050	1.73	0.90	0.915
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C	276	1.27	0.90	1.045
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	3190	1.77	0.88	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			511	1.23	0.88	1.023
2,2',3,3',5,5',6,6'-OcCB	202			1100	1.35	0.93	1.000
2,2',3,4,4',5,5',6-OcCB	203			3230	1.65	0.89	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	1.56	1.27	0.79	1.039
2,3,3',4,4',5,5',6-OcCB	205			186	2.10	0.85	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			804	3.99	0.79	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			108	3.12	0.73	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208			156	3.00	0.81	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209			105	1.43	0.68	1.001

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T3-E-SS-WB-comp1
Sample Collection:
05-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-6
Matrix:	TISSUE	**Sample Size:**	2.12 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	01-Jul-2008 **Time:** 03:56:06	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_265 S: 7**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_265 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		K J	3.14	2.31	2.30	1.001
3-MoCB	2		U		2.67		
4-MoCB	3		U		3.37		
2,2'-DiCB	4			56.9	10.9	1.33	1.001
2,3-DiCB	5		U		7.87		
2,3'-DiCB	6		J	22.7	7.14	1.34	1.173
2,4-DiCB	7		U		7.21		
2,4'-DiCB	8		J	25.5	6.64	1.55	1.204
2,5-DiCB	9		U		7.09		
2,6-DiCB	10		U		6.81		
3,3'-DiCB	11		K J	7.96	7.84	2.28	0.967
3,4-DiCB	12	12 + 13	C U		7.92		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		7.34		
4,4'-DiCB	15			66.2	9.52	1.59	1.001
2,2',3-TriCB	16		J	20.5	1.59	1.09	1.164
2,2',4-TriCB	17			137	1.42	0.97	1.135
2,2',5-TriCB	18	18 + 30	C B	586	1.19	1.08	1.112
2,2',6-TriCB	19			83.7	1.53	1.10	1.001
2,3,3'-TriCB	20	20 + 28	C B	1920	1.85	0.93	0.847
2,3,4-TriCB	21	21 + 33	C	125	1.79	0.99	0.854
2,3,4'-TriCB	22			112	2.03	1.06	0.872
2,3,5-TriCB	23		U		1.90		
2,3,6-TriCB	24		J	6.62	1.07	1.07	1.157
2,3',4-TriCB	25			301	1.66	0.96	0.824
2,3',5-TriCB	26	26 + 29	C	1010	1.81	0.99	1.297
2,3',6-TriCB	27			136	1.02	1.05	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	1160	1.73	0.92	0.836
2,4',6-TriCB	32			300	1.77	0.90	1.195
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	11.5	1.80	1.03	1.270
3,3',4-TriCB	35		U		2.14		
3,3',5-TriCB	36		U		1.89		
3,4,4'-TriCB	37			214	2.13	0.92	1.001
3,4,5-TriCB	38		K J	2.57	2.00	0.17	0.966

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		U		1.98		
2,2',3,3'-TeCB	40	40 + 41 + 71	C	463	1.41	0.79	1.335
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42			164	1.45	0.71	1.309
2,2',3,5-TeCB	43			55.3	1.70	0.83	1.243
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	2830	1.29	0.78	1.282
2,2',3,6-TeCB	45	45 + 51	C B	228	1.45	0.74	1.146
2,2',3,6'-TeCB	46			75.3	1.67	0.68	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			145	1.43	0.79	1.270
2,2',4,5'-TeCB	49	49 + 69	C	4990	1.21	0.79	1.256
2,2',4,6-TeCB	50	50 + 53	C	686	1.42	0.80	1.110
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	9710	1.33	0.79	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	7.22	1.02	0.87	1.002
2,3,3',4-TeCB	55			141	23.9	0.75	0.889
2,3,3',4'-TeCB	56		K	159	23.8	0.59	0.905
2,3,3',5-TeCB	57			64.5	21.9	0.69	0.843
2,3,3',5'-TeCB	58		J	27.4	22.4	0.83	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	453	1.07	0.79	1.300
2,3,4,4'-TeCB	60			515	23.8	0.68	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	5940	20.9	0.72	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			301	21.4	0.68	0.864
2,3,4',6-TeCB	64			1140	1.01	0.78	1.346
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	3410	21.8	0.73	0.884
2,3',4,5-TeCB	67			132	20.4	0.76	0.856
2,3',4,5'-TeCB	68			171	21.1	0.67	0.830
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			251	20.8	0.67	0.822
2,3',5',6-TeCB	73		U		1.09		
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			230	22.0	0.69	1.000
3,3',4,5-TeCB	78		U		22.0		
3,3',4,5'-TeCB	79			59.4	18.4	0.66	0.969
3,3',5,5'-TeCB	80		U		21.1		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82			114	6.27	1.50	0.934
2,2',3,3',5-PeCB	83	83 + 99	C B	21900	5.71	1.57	0.885
2,2',3,3',6-PeCB	84			1010	6.44	1.54	1.165
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C	1390	4.71	1.53	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	8510	4.88	1.55	0.902
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C	1790	5.63	1.54	1.155
2,2',3,4,6'-PeCB	89		J	10.5	5.96	1.46	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	38000	4.96	1.57	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92			6140	5.73	1.58	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	12700	5.51	1.57	1.121
2,2',3,5,6'-PeCB	94		J	14.4	6.21	1.74	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			46.5	0.968	1.52	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			417	5.12	1.51	1.093
2,2',4,6,6'-PeCB	104		K J	2.14	0.909	1.29	1.001
2,3,3',4,4'-PeCB	105		B	6770	7.75	1.44	1.000
2,3,3',4,5-PeCB	106		U		8.34		
2,3,3',4',5-PeCB	107	107 + 124	C	427	8.59	1.46	0.990
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109			2360	8.15	1.46	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	13200	4.22	1.57	0.925
2,3,3',5,5'-PeCB	111		K	38.7	4.23	1.31	0.944
2,3,3',5,6-PeCB	112		U		4.12		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114			538	8.24	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			25200	7.61	1.46	1.001
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			273	4.02	1.50	0.957
2,3',4,5',6-PeCB	121		J	24.0	4.33	1.55	1.198
2',3,3',4,5-PeCB	122		K	85.5	9.00	2.19	1.011
2',3,4,4',5-PeCB	123			406	8.09	1.40	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		X				
3,3',4,5,5'-PeCB	127		K J	36.7	9.15	1.16	1.040
2,2',3,3',4,4'-HxCB	128	128 + 166	C	11200	14.5	1.24	0.960
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	136000	14.8	1.24	0.929
2,2',3,3',4,5'-HxCB	130			5330	17.7	1.22	0.913
2,2',3,3',4,6-HxCB	131			173	16.8	1.27	1.161
2,2',3,3',4,6'-HxCB	132			6500	17.7	1.24	1.177
2,2',3,3',5,5'-HxCB	133			2280	16.4	1.20	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	2400	16.9	1.23	1.142
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C	38800	1.32	1.26	1.105
2,2',3,3',6,6'-HxCB	136			6510	1.03	1.26	1.027
2,2',3,4,4',5-HxCB	137			2840	17.4	1.22	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	910	15.3	1.32	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141			16500	15.5	1.23	0.904
2,2',3,4,5,6-HxCB	142		U		17.5		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144			4300	1.33	1.26	1.123
2,2',3,4,6,6'-HxCB	145		J	4.65	1.08	1.18	1.036
2,2',3,4',5,5'-HxCB	146			24000	14.2	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	33100	15.1	1.23	1.135
2,2',3,4',5,6'-HxCB	148			187	1.38	1.35	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			94.9	1.05	1.41	1.014
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	16.1	1.01	1.15	1.008
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	169000	12.6	1.24	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	11.8	0.885	1.42	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C	8420	17.5	1.23	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158			11300	11.3	1.24	0.938
2,3,3',4,5,5'-HxCB	159			235	12.1	1.27	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		11.7		
2,3,3',4',5,5'-HxCB	162			244	12.5	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	2470	12.1	1.21	0.922
2,3,3',5,5',6-HxCB	165			53.4	13.4	1.43	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			4330	11.6	1.25	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	44300	2.56	1.05	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	12900	2.54	1.04	1.164
2,2',3,3',4,5,5'-HpCB	172			7330	2.55	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	4950	2.42	1.04	1.134
2,2',3,3',4,5',6-HpCB	175			1850	2.37	1.05	1.103
2,2',3,3',4,6,6'-HpCB	176		B	2130	1.80	1.04	1.034
2,2',3,3',4',5,6-HpCB	177		B	23800	2.37	1.06	1.146
2,2',3,3',5,5',6-HpCB	178			11400	2.48	1.04	1.085
2,2',3,3',5,6,6'-HpCB	179		B	12600	1.76	1.05	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	124000	2.03	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			218	2.45	1.07	1.157
2,2',3,4,4',5,6'-HpCB	182			235	2.25	1.13	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C	37200	2.30	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		J	19.2	1.73	1.13	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		1.88		
2,2',3,4',5,5',6-HpCB	187		B	72600	2.20	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			50.1	1.69	1.01	1.000
2,3,3',4,4',5,5'-HpCB	189			1140	16.5	0.99	1.001
2,3,3',4,4',5,6-HpCB	190			9680	1.86	1.05	0.947
2,3,3',4,4',5',6-HpCB	191			2020	1.87	1.08	0.917
2,3,3',4,5,5',6-HpCB	192		U		2.07		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194			15600	4.13	0.88	0.992
2,2',3,3',4,4',5,6-OcCB	195			7120	4.28	0.88	0.946
2,2',3,3',4,4',5,6'-OcCB	196			8980	1.06	0.90	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C	1120	0.807	0.85	1.045
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	12800	1.11	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			2300	0.795	0.87	1.022
2,2',3,3',5,5',6,6'-OcCB	202			3660	0.863	0.88	1.000
2,2',3,4,4',5,5',6-OcCB	203			12800	1.02	0.90	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	5.31	0.806	0.86	1.038
2,3,3',4,4',5,5',6-OcCB	205			803	3.42	0.90	1.001
2,2',3,3',4,4',5,5',6-NoCB	206			2090	3.33	0.76	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			326	2.55	0.77	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208			305	2.47	0.76	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209			107	0.997	0.60	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T3-M-ES-WB-comp6
Sample Collection:
05-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L11235-7 (A)
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	01-Jul-2008 **Time:** 05:00:28	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_265 S: 8**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_265 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		K J	3.40	1.64	2.65	1.000
3-MoCB	2		U		2.08		
4-MoCB	3		U		2.91		
2,2'-DiCB	4			145	12.2	1.49	1.001
2,3-DiCB	5		U		9.65		
2,3'-DiCB	6			178	8.76	1.53	1.173
2,4-DiCB	7		K J	11.3	8.84	1.26	1.155
2,4'-DiCB	8			225	8.15	1.47	1.204
2,5-DiCB	9		J	15.5	8.70	1.40	1.142
2,6-DiCB	10		U		8.35		
3,3'-DiCB	11		U		9.62		
3,4-DiCB	12	12 + 13	C U		9.71		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		9.00		
4,4'-DiCB	15		J	28.9	12.4	1.40	0.999
2,2',3-TriCB	16			251	1.66	1.00	1.165
2,2',4-TriCB	17			917	1.49	1.09	1.136
2,2',5-TriCB	18	18 + 30	C B	2090	1.25	1.07	1.111
2,2',6-TriCB	19			223	1.50	0.95	1.001
2,3,3'-TriCB	20	20 + 28	C B	5360	3.00	0.96	0.847
2,3,4-TriCB	21	21 + 33	C	722	2.90	0.95	0.856
2,3,4'-TriCB	22			851	3.29	0.94	0.873
2,3,5-TriCB	23		U		3.08		
2,3,6-TriCB	24		J	17.8	1.12	0.98	1.157
2,3',4-TriCB	25			1070	2.68	0.96	0.825
2,3',5-TriCB	26	26 + 29	C	2640	2.93	0.98	1.297
2,3',6-TriCB	27			463	1.07	1.04	1.149
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	3660	2.79	0.97	0.836
2,4',6-TriCB	32			587	2.86	0.95	1.195
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34			50.0	2.91	0.99	1.270
3,3',4-TriCB	35		U		3.47		
3,3',5-TriCB	36		U		3.07		
3,4,4'-TriCB	37			153	3.60	0.92	1.001
3,4,5-TriCB	38		K J	8.21	3.24	0.74	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		J	11.5	3.21	1.17	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C	2540	1.61	0.79	1.335
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42			2380	1.67	0.80	1.309
2,2',3,5-TeCB	43			420	1.96	0.76	1.244
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	10500	1.48	0.78	1.283
2,2',3,6-TeCB	45	45 + 51	C B	1130	1.67	0.78	1.145
2,2',3,6'-TeCB	46			192	1.91	0.77	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			765	1.65	0.78	1.270
2,2',4,5'-TeCB	49	49 + 69	C	14400	1.39	0.78	1.256
2,2',4,6-TeCB	50	50 + 53	C	1740	1.63	0.79	1.110
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	23600	1.52	0.79	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	24.5	1.15	0.84	1.001
2,3,3',4-TeCB	55			523	21.9	0.71	0.889
2,3,3',4'-TeCB	56			1670	21.9	0.70	0.905
2,3,3',5-TeCB	57			143	20.2	0.66	0.843
2,3,3',5'-TeCB	58			59.6	20.6	0.71	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	1340	1.23	0.81	1.300
2,3,4,4'-TeCB	60			2160	21.8	0.73	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	15900	19.2	0.71	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			609	19.7	0.70	0.864
2,3,4',6-TeCB	64			4000	1.16	0.79	1.346
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	12100	20.0	0.71	0.884
2,3',4,5-TeCB	67			285	18.8	0.66	0.855
2,3',4,5'-TeCB	68			283	19.4	0.69	0.830
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			541	19.1	0.69	0.822
2,3',5',6-TeCB	73		U		1.25		
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			252	21.0	0.74	1.000
3,3',4,5-TeCB	78		U		20.2		
3,3',4,5'-TeCB	79			260	17.0	0.66	0.969
3,3',5,5'-TeCB	80		U		19.4		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82			1510	14.6	1.56	0.935
2,2',3,3',5-PeCB	83	83 + 99	C B	33100	13.3	1.56	0.885
2,2',3,3',6-PeCB	84			3860	15.0	1.55	1.165
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C	6380	11.0	1.57	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	21500	11.4	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	5910	13.1	1.57	1.155
2,2',3,4,6'-PeCB	89			109	13.9	1.69	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	55000	11.6	1.56	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92			10300	13.3	1.56	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	24100	12.8	1.57	1.121
2,2',3,5,6'-PeCB	94			99.9	14.5	1.70	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			129	1.03	1.54	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			1030	11.9	1.70	1.093
2,2',4,6,6'-PeCB	104		K J	7.12	1.03	1.23	1.001
2,3,3',4,4'-PeCB	105		B	8690	6.64	1.45	1.000
2,3,3',4,5-PeCB	106		U		7.19		
2,3,3',4',5-PeCB	107	107 + 124	C	693	7.40	1.39	0.990
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109			3070	7.03	1.51	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	36400	9.83	1.57	0.925
2,3,3',5,5'-PeCB	111			67.1	9.85	1.77	0.944
2,3,3',5,6-PeCB	112		U		9.60		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114			680	6.82	1.59	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			38400	6.63	1.47	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			387	9.37	1.59	0.957
2,3',4,5',6-PeCB	121		J	36.4	10.1	1.54	1.198
2',3,3',4,5-PeCB	122			165	7.76	1.76	1.011
2',3,4,4',5-PeCB	123			511	6.77	1.54	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		X				
3,3',4,5,5'-PeCB	127			69.8	7.89	1.41	1.040
2,2',3,3',4,4'-HxCB	128	128 + 166	C	8390	8.00	1.22	0.960
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	89500	8.12	1.24	0.929
2,2',3,3',4,5'-HxCB	130			4100	9.73	1.25	0.913
2,2',3,3',4,6-HxCB	131			449	9.23	1.21	1.161
2,2',3,3',4,6'-HxCB	132			13000	9.73	1.25	1.177
2,2',3,3',5,5'-HxCB	133			1740	9.03	1.25	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	2490	9.29	1.24	1.142
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C	25800	1.48	1.26	1.105
2,2',3,3',6,6'-HxCB	136			6140	1.15	1.26	1.027
2,2',3,4,4',5-HxCB	137			3270	9.59	1.28	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	1500	8.41	1.22	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141			12700	8.50	1.24	0.904
2,2',3,4,5,6-HxCB	142		U		9.60		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144			3570	1.50	1.24	1.123
2,2',3,4,6,6'-HxCB	145		J	14.2	1.22	1.15	1.036
2,2',3,4',5,5'-HxCB	146			15500	7.80	1.24	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	52500	8.29	1.24	1.135
2,2',3,4',5,6'-HxCB	148			260	1.55	1.16	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			178	1.18	1.25	1.014
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	31.6	1.14	1.40	1.009
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	107000	6.92	1.24	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	14.3	1.00	1.41	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C	6600	9.46	1.25	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158			7550	6.21	1.24	0.938
2,3,3',4,5,5'-HxCB	159			526	6.63	1.25	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		6.45		
2,3,3',4',5,5'-HxCB	162			229	6.86	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	3630	6.66	1.24	0.922
2,3,3',5,5',6-HxCB	165			71.7	7.35	1.09	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			3230	6.48	1.23	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	18000	3.72	1.04	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	6480	3.69	1.04	1.164
2,2',3,3',4,5,5'-HpCB	172			3710	3.71	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	12700	3.51	1.04	1.134
2,2',3,3',4,5',6-HpCB	175			997	3.45	1.03	1.103
2,2',3,3',4,6,6'-HpCB	176		B	2320	2.61	1.03	1.034
2,2',3,3',4',5,6-HpCB	177		B	12500	3.43	1.05	1.146
2,2',3,3',5,5',6-HpCB	178			5510	3.60	1.03	1.085
2,2',3,3',5,6,6'-HpCB	179		B	7700	2.56	1.04	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	56000	2.94	1.04	0.910
2,2',3,4,4',5,6-HpCB	181			184	3.56	1.14	1.157
2,2',3,4,4',5,6'-HpCB	182			256	3.27	0.99	1.115
2,2',3,4,4',5',6-HpCB	183	183 + 185	C	20500	3.33	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		J	21.2	2.52	1.07	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		2.73		
2,2',3,4',5,5',6-HpCB	187		B	37500	3.19	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			63.2	2.45	1.14	1.000
2,3,3',4,4',5,5'-HpCB	189			532	5.24	0.90	1.001
2,3,3',4,4',5,6-HpCB	190			5060	2.70	1.03	0.947
2,3,3',4,4',5',6-HpCB	191			1100	2.72	1.07	0.917
2,3,3',4,5,5',6-HpCB	192		U		3.00		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194			8050	4.53	0.87	0.992
2,2',3,3',4,4',5,6-OcCB	195			3100	4.69	0.88	0.946
2,2',3,3',4,4',5,6'-OcCB	196			5390	1.33	0.90	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C	1290	1.01	0.89	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	10200	1.39	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			1270	0.990	0.92	1.022
2,2',3,3',5,5',6,6'-OcCB	202			2160	1.11	0.89	1.000
2,2',3,4,4',5,5',6-OcCB	203			7780	1.27	0.92	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	1.61	1.00	0.94	1.040
2,3,3',4,4',5,5',6-OcCB	205			517	3.64	0.90	1.001
2,2',3,3',4,4',5,5',6-NoCB	206			2010	3.16	0.81	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			246	2.49	0.76	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208			460	2.46	0.79	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209			283	0.916	0.64	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	4033	**Lab Sample I.D.:**	WG25504-101
Matrix:	TISSUE	**Sample Size:**	2.00 g
Sample Receipt Date:	N/A	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	28-Jun-2008 **Time:** 01:15:44	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_263A S: 5**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_263A S: 1
Concentration Units:	ng/kg		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		U		2.23		
3-MoCB	2		U		2.34		
4-MoCB	3		U		3.05		
2,2'-DiCB	4		U		19.9		
2,3-DiCB	5		U		14.2		
2,3'-DiCB	6		U		12.5		
2,4-DiCB	7		U		12.6		
2,4'-DiCB	8		U		11.2		
2,5-DiCB	9		U		12.3		
2,6-DiCB	10		U		11.9		
3,3'-DiCB	11		U		12.8		
3,4-DiCB	12	12 + 13	C U		12.8		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		12.1		
4,4'-DiCB	15		U		15.9		
2,2',3-TriCB	16		U		2.00		
2,2',4-TriCB	17		U		1.70		
2,2',5-TriCB	18	18 + 30	C K J	3.34	1.45	1.30	1.110
2,2',6-TriCB	19		U		1.77		
2,3,3'-TriCB	20	20 + 28	C K J	2.46	2.15	2.19	0.847
2,3,4-TriCB	21	21 + 33	C U		2.05		
2,3,4'-TriCB	22		U		2.34		
2,3,5-TriCB	23		U		2.28		
2,3,6-TriCB	24		U		1.29		
2,3',4-TriCB	25		U		2.02		
2,3',5-TriCB	26	26 + 29	C U		2.17		
2,3',6-TriCB	27		U		1.22		
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		K J	2.05	2.04	1.63	0.836
2,4',6-TriCB	32		U		2.18		
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		U		2.21		
3,3',4-TriCB	35		U		2.16		
3,3',5-TriCB	36		U		2.01		
3,4,4'-TriCB	37		U		2.68		
3,4,5-TriCB	38		U		2.08		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		U		2.14		
2,2',3,3'-TeCB	40	40 + 41 + 71	C U		1.82		
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		U		1.91		
2,2',3,5-TeCB	43		U		2.24		
2,2',3,5'-TeCB	44	44 + 47 + 65	C J	18.5	1.71	0.85	1.283
2,2',3,6-TeCB	45	45 + 51	C K J	11.3	2.00	0.62	1.147
2,2',3,6'-TeCB	46		U		2.25		
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		U		1.88		
2,2',4,5'-TeCB	49	49 + 69	C U		1.60		
2,2',4,6-TeCB	50	50 + 53	C U		1.93		
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		K J	7.77	1.79	0.61	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		U		1.42		
2,3,3',4-TeCB	55		U		3.08		
2,3,3',4'-TeCB	56		U		3.03		
2,3,3',5-TeCB	57		U		2.86		
2,3,3',5'-TeCB	58		U		2.90		
2,3,3',6-TeCB	59	59 + 62 + 75	C J	1.59	1.42	0.66	1.299
2,3,4,4'-TeCB	60		U		3.05		
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C K J	7.64	2.80	0.53	0.874
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		U		2.77		
2,3,4',6-TeCB	64		U		1.32		
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		K J	3.15	2.76	0.60	0.884
2,3',4,5-TeCB	67		U		2.62		
2,3',4,5'-TeCB	68		U		2.95		
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		U		2.84		
2,3',5',6-TeCB	73		U		1.46		
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		U		3.48		
3,3',4,5-TeCB	78		U		2.98		
3,3',4,5'-TeCB	79		U		2.56		
3,3',5,5'-TeCB	80		U		2.63		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		U		2.34		
2,2',3,3',5-PeCB	83	83 + 99	C J	4.65	2.07	1.36	0.886
2,2',3,3',6-PeCB	84		U		2.27		
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C U		1.77		
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C K J	1.85	1.77	0.72	0.904
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C U		2.01		
2,2',3,4,6'-PeCB	89		U		2.09		
2,2',3,4',5-PeCB	90	90 + 101 + 113	C J	9.57	1.75	1.42	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		U		2.01		
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C U		1.96		
2,2',3,5,6'-PeCB	94		U		2.22		
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		U		1.15		
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103		U		1.82		
2,2',4,6,6'-PeCB	104		U		1.14		
2,3,3',4,4'-PeCB	105		K J	2.16	1.37	7.09	1.001
2,3,3',4,5-PeCB	106		U		1.28		
2,3,3',4',5-PeCB	107	107 + 124	C U		1.37		
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		U		1.28		
2,3,3',4',6-PeCB	110	110 + 115	C K J	7.98	1.57	2.34	0.926
2,3,3',5,5'-PeCB	111		U		1.60		
2,3,3',5,6-PeCB	112		U		1.49		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		U		1.46		
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		U		1.50		
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		U		1.50		
2,3',4,5',6-PeCB	121		U		1.53		
2',3,3',4,5-PeCB	122		U		1.44		
2',3,4,4',5-PeCB	123		U		1.55		
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		X				
3,3',4,5,5'-PeCB	127		U		1.21		
2,2',3,3',4,4'-HxCB	128	128 + 166	C U		1.80		
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C J	8.68	1.83	1.12	0.929
2,2',3,3',4,5'-HxCB	130		U		2.33		
2,2',3,3',4,6-HxCB	131		U		2.39		
2,2',3,3',4,6'-HxCB	132		U		2.41		
2,2',3,3',5,5'-HxCB	133		U		2.24		
2,2',3,3',5,6-HxCB	134	134 + 143	C U		2.34		
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C U		2.00		
2,2',3,3',6,6'-HxCB	136		U		1.50		
2,2',3,4,4',5-HxCB	137		U		2.09		
2,2',3,4,4',5'-HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6-HxCB	139	139 + 140	C U		2.13		
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		U		2.06		
2,2',3,4,5,6-HxCB	142		U		2.34		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		U		2.08		
2,2',3,4,6,6'-HxCB	145		U		1.60		
2,2',3,4',5,5'-HxCB	146		U		1.93		
2,2',3,4',5,6-HxCB	147	147 + 149	C K J	5.28	2.10	0.67	1.135
2,2',3,4',5,6'-HxCB	148		U		2.01		
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		U		1.54		
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		U		1.45		
2,2',4,4',5,5'-HxCB	153	153 + 168	C J	9.38	1.65	1.40	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		U		2.08		
2,3,3',4,4',5-HxCB	156	156 + 157	C U		2.10		
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		U		1.44		
2,3,3',4,5,5'-HxCB	159		U		1.51		
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		1.56		
2,3,3',4',5,5'-HxCB	162		U		1.54		
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		K J	1.62	1.59	0.65	0.921
2,3,3',5,5',6-HxCB	165		U		1.79		
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167		U		1.49		
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		K J	2.74	1.50	1.81	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C U		1.56		
2,2',3,3',4,5,5'-HpCB	172		U		1.52		
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		K J	1.59	1.48	0.27	1.135
2,2',3,3',4,5',6-HpCB	175		U		1.46		
2,2',3,3',4,6,6'-HpCB	176		K J	1.59	1.14	2.48	1.035
2,2',3,3',4',5,6-HpCB	177		K J	1.59	1.49	0.37	1.147
2,2',3,3',5,5',6-HpCB	178		U		1.53		
2,2',3,3',5,6,6'-HpCB	179		K J	1.50	1.12	1.22	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C J	3.85	1.21	0.92	0.910
2,2',3,4,4',5,6-HpCB	181		U		1.49		
2,2',3,4,4',5,6'-HpCB	182		U		1.43		
2,2',3,4,4',5',6-HpCB	183	183 + 185	C U		1.44		
2,2',3,4,4',6,6'-HpCB	184		U		1.09		
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		1.20		
2,2',3,4',5,5',6-HpCB	187		J	4.75	1.39	0.91	1.111
2,2',3,4',5,6,6'-HpCB	188		U		1.42		
2,3,3',4,4',5,5'-HpCB	189		U		1.13		
2,3,3',4,4',5,6-HpCB	190		U		1.09		
2,3,3',4,4',5',6-HpCB	191		U		1.10		
2,3,3',4,5,5',6-HpCB	192		U		1.23		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		U		1.42		
2,2',3,3',4,4',5,6-OcCB	195		U		1.55		
2,2',3,3',4,4',5,6'-OcCB	196		U		1.52		
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C U		1.20		
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C K J	1.67	1.59	1.10	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		U		1.19		
2,2',3,3',5,5',6,6'-OcCB	202		U		1.59		
2,2',3,4,4',5,5',6-OcCB	203		U		1.44		
2,2',3,4,4',5,6,6'-OcCB	204		U		1.20		
2,3,3',4,4',5,5',6-OcCB	205		U		1.20		
2,2',3,3',4,4',5,5',6-NoCB	206		U		5.69		
2,2',3,3',4,4',5,6,6'-NoCB	207		U		5.12		
2,2',3,3',4,5,5',6,6'-NoCB	208		U		6.43		
2,2',3,3',4,4',5,5',6,6'-DeCB	209		U		2.09		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T3-M-ES-WB-comp6 (Duplicate)
Sample Collection: 05-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	WG25504-103 (DUP L11235-7)
Matrix:	TISSUE	**Sample Size:**	2.31 g (wet)
Sample Receipt Date:	03-Jun-2008	**Initial Calibration Date:**	23-Apr-2008
Extraction Date:	09-Jun-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	01-Jul-2008 **Time:** 06:04:52	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_265 S: 9**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_263A S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_265 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	4.26	1.26	3.12	1.000
3-MoCB	2		U		1.45		
4-MoCB	3		U		1.82		
2,2'-DiCB	4			158	9.75	1.48	1.000
2,3-DiCB	5		U		6.61		
2,3'-DiCB	6			176	6.00	1.39	1.173
2,4-DiCB	7		K J	12.9	6.06	0.88	1.154
2,4'-DiCB	8			224	5.58	1.53	1.204
2,5-DiCB	9		K J	18.1	5.95	1.07	1.142
2,6-DiCB	10		J	8.45	5.72	1.33	1.012
3,3'-DiCB	11		K J	8.15	6.59	1.92	0.967
3,4-DiCB	12	12 + 13	C U		6.65		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		6.17		
4,4'-DiCB	15		J	29.4	7.67	1.36	0.999
2,2',3-TriCB	16			291	1.67	1.02	1.165
2,2',4-TriCB	17			1000	1.50	1.04	1.136
2,2',5-TriCB	18	18 + 30	C B	2240	1.25	1.07	1.112
2,2',6-TriCB	19			249	1.70	1.09	1.001
2,3,3'-TriCB	20	20 + 28	C B	5310	4.97	0.97	0.848
2,3,4-TriCB	21	21 + 33	C	766	4.81	1.03	0.855
2,3,4'-TriCB	22			857	5.45	0.95	0.872
2,3,5-TriCB	23		U		5.10		
2,3,6-TriCB	24		J	29.9	1.12	1.16	1.156
2,3',4-TriCB	25			1070	4.44	0.96	0.824
2,3',5-TriCB	26	26 + 29	C	2750	4.85	0.97	1.297
2,3',6-TriCB	27			482	1.07	1.08	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	3570	4.63	0.96	0.836
2,4',6-TriCB	32			652	4.75	0.97	1.196
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34			49.9	4.82	0.92	1.270
3,3',4-TriCB	35		U		5.75		
3,3',5-TriCB	36		U		5.08		
3,4,4'-TriCB	37			146	5.53	0.92	1.001
3,4,5-TriCB	38		J	10.3	5.38	1.13	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		J	16.8	5.31	0.93	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C	3010	0.727	0.78	1.334
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42			2510	0.750	0.78	1.309
2,2',3,5-TeCB	43			429	0.881	0.79	1.243
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	11300	0.667	0.78	1.282
2,2',3,6-TeCB	45	45 + 51	C B	1270	0.750	0.78	1.145
2,2',3,6'-TeCB	46			220	0.862	0.79	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			928	0.742	0.79	1.269
2,2',4,5'-TeCB	49	49 + 69	C	15700	0.624	0.79	1.255
2,2',4,6-TeCB	50	50 + 53	C	1980	0.734	0.78	1.109
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	27100	0.686	0.78	1.231
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54			36.1	0.571	0.76	1.001
2,3,3',4-TeCB	55			501	27.2	0.70	0.889
2,3,3',4'-TeCB	56			1870	27.1	0.70	0.905
2,3,3',5-TeCB	57			157	25.0	0.84	0.844
2,3,3',5'-TeCB	58			75.7	25.5	0.76	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	1450	0.553	0.77	1.299
2,3,4,4'-TeCB	60			2180	27.1	0.72	0.912
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	16900	23.9	0.72	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			593	24.4	0.74	0.864
2,3,4',6-TeCB	64			4120	0.524	0.78	1.345
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	12800	24.8	0.72	0.884
2,3',4,5-TeCB	67			308	23.3	0.76	0.856
2,3',4,5'-TeCB	68			287	24.1	0.72	0.830
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			590	23.8	0.70	0.822
2,3',5',6-TeCB	73		U		0.562		
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			257	24.6	0.71	1.000
3,3',4,5-TeCB	78		U		25.1		
3,3',4,5'-TeCB	79			267	21.0	0.66	0.969
3,3',5,5'-TeCB	80		U		24.1		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82			1850	27.0	1.54	0.935
2,2',3,3',5-PeCB	83	83 + 99	C B	36500	24.5	1.55	0.886
2,2',3,3',6-PeCB	84			5000	27.7	1.55	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C	6760	20.3	1.56	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	24000	21.0	1.55	0.902
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C	7450	24.2	1.57	1.155
2,2',3,4,6'-PeCB	89			134	25.6	1.51	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	62500	21.3	1.56	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92			11500	24.6	1.56	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	31900	23.7	1.57	1.121
2,2',3,5,6'-PeCB	94			117	26.7	1.63	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			157	1.10	1.58	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			1310	22.0	1.58	1.093
2,2',4,6,6'-PeCB	104		J	9.77	1.09	1.52	1.001
2,3,3',4,4'-PeCB	105		B	9370	9.12	1.47	1.000
2,3,3',4,5-PeCB	106		U		9.70		
2,3,3',4',5-PeCB	107	107 + 124	C	824	9.99	1.44	0.990
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109			3200	9.48	1.47	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	42300	18.2	1.56	0.925
2,3,3',5,5'-PeCB	111			57.1	18.2	1.71	0.944
2,3,3',5,6-PeCB	112		U		17.7		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114			736	9.22	1.43	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			39300	8.61	1.46	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			432	17.3	1.70	0.957
2,3',4,5',6-PeCB	121			37.3	18.6	1.51	1.198
2',3,3',4,5-PeCB	122			177	10.5	1.40	1.010
2',3,4,4',5-PeCB	123			562	9.39	1.47	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		X				
3,3',4,5,5'-PeCB	127			78.4	10.6	1.68	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	9640	9.10	1.25	0.960
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	96400	9.23	1.23	0.929
2,2',3,3',4,5'-HxCB	130			4410	11.1	1.26	0.914
2,2',3,3',4,6-HxCB	131			492	10.5	1.28	1.161
2,2',3,3',4,6'-HxCB	132			16300	11.1	1.25	1.177
2,2',3,3',5,5'-HxCB	133			1950	10.3	1.23	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	2950	10.6	1.26	1.142
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C	30700	0.881	1.26	1.106
2,2',3,3',6,6'-HxCB	136			8280	0.686	1.26	1.027
2,2',3,4,4',5-HxCB	137			3160	10.9	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	1610	9.57	1.26	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141			13700	9.66	1.25	0.904
2,2',3,4,5,6-HxCB	142		U		10.9		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144			4140	0.891	1.25	1.123
2,2',3,4,6,6'-HxCB	145		J	18.0	0.724	1.12	1.036
2,2',3,4',5,5'-HxCB	146			17100	8.87	1.24	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	65200	9.42	1.24	1.135
2,2',3,4',5,6'-HxCB	148			290	0.923	1.22	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			245	0.703	1.20	1.014
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			38.5	0.676	1.06	1.009
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	118000	7.87	1.24	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	16.8	0.605	1.15	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C	7040	10.9	1.25	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158			8280	7.07	1.25	0.938
2,3,3',4,5,5'-HxCB	159			664	7.54	1.27	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		7.34		
2,3,3',4',5,5'-HxCB	162			235	7.80	1.26	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		B	4380	7.57	1.24	0.922
2,3,3',5,5',6-HxCB	165			84.2	8.36	1.24	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			3360	7.39	1.25	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	19900	2.31	1.05	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	7260	2.29	1.07	1.164
2,2',3,3',4,5,5'-HpCB	172			4020	2.30	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	15700	2.18	1.04	1.134
2,2',3,3',4,5',6-HpCB	175			1070	2.14	1.06	1.103
2,2',3,3',4,6,6'-HpCB	176		B	2810	1.62	1.04	1.035
2,2',3,3',4',5,6-HpCB	177		B	14500	2.13	1.04	1.146
2,2',3,3',5,5',6-HpCB	178			6130	2.23	1.06	1.085
2,2',3,3',5,6,6'-HpCB	179		B	9300	1.59	1.05	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	60200	1.83	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			192	2.21	1.04	1.157
2,2',3,4,4',5,6'-HpCB	182			244	2.03	0.99	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C	22200	2.07	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		J	20.5	1.56	1.11	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		1.69		
2,2',3,4',5,5',6-HpCB	187		B	41300	1.98	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			64.9	1.57	1.18	1.000
2,3,3',4,4',5,5'-HpCB	189			574	4.33	1.01	1.001
2,3,3',4,4',5,6-HpCB	190			5320	1.67	1.07	0.947
2,3,3',4,4',5',6-HpCB	191			1120	1.69	1.03	0.918
2,3,3',4,5,5',6-HpCB	192		U		1.86		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194			9210	4.14	0.87	0.991
2,2',3,3',4,4',5,6-OcCB	195			3420	4.29	0.88	0.946
2,2',3,3',4,4',5,6'-OcCB	196			5420	0.974	0.89	0.915
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C	1400	0.738	0.88	1.047
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	10300	1.02	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			1370	0.727	0.91	1.023
2,2',3,3',5,5',6,6'-OcCB	202			2250	0.814	0.88	1.000
2,2',3,4,4',5,5',6-OcCB	203			7800	0.930	0.90	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	3.88	0.737	0.97	1.039
2,3,3',4,4',5,5',6-OcCB	205			541	3.32	0.88	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			2000	2.32	0.77	1.001
2,2',3,3',4,4',5,6,6'-NoCB	207			263	1.86	0.78	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208			437	1.88	0.77	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209			240	0.811	0.71	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

PCB CONGENER ANALYSIS REPORT
RELATIVE PERCENT DIFFERENCE

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No. 04-08-06-22

Contract No.: 4033

Client ID: LDW-07-T3-M-ES-WB-comp6

Concentration Units: ng/kg (wet weight basis)

COMPOUND	IUPAC NO.	L11235-7 (A) LAB FLAG [1]	L11235-7 (A) CONC. FOUND	WG25504-103 LAB FLAG [1]	WG25504-103 CONC. FOUND	MEAN	RELATIVE PERCENT DIFFERENCE
2-MoCB	1	K J	3.40	J	4.26		
3-MoCB	2	U		U			
4-MoCB	3	U		U			
2,2'-DiCB	4		145		158	152	8.53
2,3-DiCB	5	U		U			
2,3'-DiCB	6		178		176	177	0.906
2,4-DiCB	7	K J	11.3	K J	12.9		
2,4'-DiCB	8		225		224	224	0.549
2,5-DiCB	9	J	15.5	K J	18.1		
2,6-DiCB	10	U		J	8.45		
3,3'-DiCB	11	U		K J	8.15		
3,4-DiCB	12	C U		C U			
3,4'-DiCB	13	C12		C12			
3,5-DiCB	14	U		U			
4,4'-DiCB	15	J	28.9	J	29.4	29.2	1.70
2,2',3-TriCB	16		251		291	271	14.8
2,2',4-TriCB	17		917		1000	961	9.05
2,2',5-TriCB	18	C	2090	C	2240	2160	6.86
2,2',6-TriCB	19		223		249	236	11.1
2,3,3'-TriCB	20	C	5360	C	5310	5340	1.01
2,3,4-TriCB	21	C	722	C	766	744	5.95
2,3,4'-TriCB	22		851		857	854	0.621
2,3,5-TriCB	23	U		U			
2,3,6-TriCB	24	J	17.8	J	29.9	23.8	50.8
2,3',4-TriCB	25		1070		1070	1070	0.053
2,3',5-TriCB	26	C	2640	C	2750	2700	4.35
2,3',6-TriCB	27		463		482	472	4.04
2,4,4'-TriCB	28	C20		C20			
2,4,5-TriCB	29	C26		C26			
2,4,6-TriCB	30	C18		C18			
2,4',5-TriCB	31		3660		3570	3610	2.59
2,4',6-TriCB	32		587		652	620	10.5
2',3,4-TriCB	33	C21		C21			
2',3,5-TriCB	34		50.0		49.9	50.0	0.228
3,3',4-TriCB	35	U		U			
3,3',5-TriCB	36	U		U			
3,4,4'-TriCB	37		153		146	150	4.62
3,4,5-TriCB	38	K J	8.21	J	10.3		
3,4',5-TriCB	39	J	11.5	J	16.8	14.2	37.1
2,2',3,3'-TeCB	40	C	2540	C	3010	2780	17.0
2,2',3,4-TeCB	41	C40		C40			
2,2',3,4'-TeCB	42		2380		2510	2450	5.40
2,2',3,5-TeCB	43		420		429	425	2.15
2,2',3,5'-TeCB	44	C	10500	C	11300	10900	6.90
2,2',3,6-TeCB	45	C	1130	C	1270	1200	11.7
2,2',3,6'-TeCB	46		192		220	206	13.6
2,2',4,4'-TeCB	47	C44		C44			
2,2',4,5-TeCB	48		765		928	846	19.2
2,2',4,5'-TeCB	49	C	14400	C	15700	15100	8.43
2,2',4,6-TeCB	50	C	1740	C	1980	1860	13.1
2,2',4,6'-TeCB	51	C45		C45			
2,2',5,5'-TeCB	52		23600		27100	25300	13.7
2,2',5,6'-TeCB	53	C50		C50			
2,2',6,6'-TeCB	54	J	24.5		36.1	30.3	38.5
2,3,3',4-TeCB	55		523		501	512	4.29
2,3,3',4'-TeCB	56		1670		1870	1770	10.9
2,3,3',5-TeCB	57		143		157	150	8.95
2,3,3',5'-TeCB	58		59.6		75.7	67.7	23.8
2,3,3',6-TeCB	59	C	1340	C	1450	1400	7.78
2,3,4,4'-TeCB	60		2160		2180	2170	0.592

COMPOUND	IUPAC NO.	L11235-7 (A) LAB FLAG [1]	L11235-7 (A) CONC. FOUND	WG25504-103 LAB FLAG [1]	WG25504-103 CONC. FOUND	MEAN	RELATIVE PERCENT DIFFERENCE
2,3,4,5-TeCB	61	C	15900	C	16900	16400	5.97
2,3,4,6-TeCB	62	C59		C59			
2,3,4',5-TeCB	63		609		593	601	2.74
2,3,4',6-TeCB	64		4000		4120	4060	3.11
2,3,5,6-TeCB	65	C44		C44			
2,3',4,4'-TeCB	66		12100		12800	12400	5.73
2,3',4,5-TeCB	67		285		308	297	7.72
2,3',4,5'-TeCB	68		283		287	285	1.07
2,3',4,6-TeCB	69	C49		C49			
2,3',4',5-TeCB	70	C61		C61			
2,3',4',6-TeCB	71	C40		C40			
2,3',5,5'-TeCB	72		541		590	565	8.72
2,3',5',6-TeCB	73	U		U			
2,4,4',5-TeCB	74	C61		C61			
2,4,4',6-TeCB	75	C59		C59			
2',3,4,5-TeCB	76	C61		C61			
3,3',4,4'-TeCB	77		252		257	255	1.99
3,3',4,5-TeCB	78	U		U			
3,3',4,5'-TeCB	79		260		267	264	2.81
3,3',5,5'-TeCB	80	U		U			
3,4,4',5-TeCB	81		19.9		20.9	20.4	4.91
2,2',3,3',4-PeCB	82		1510		1850	1680	20.5
2,2',3,3',5-PeCB	83	C	33100	C	36500	34800	9.84
2,2',3,3',6-PeCB	84		3860		5000	4430	25.9
2,2',3,4,4'-PeCB	85	C	6380	C	6760	6570	5.72
2,2',3,4,5-PeCB	86	C	21500	C	24000	22800	10.7
2,2',3,4,5'-PeCB	87	C86		C86			
2,2',3,4,6-PeCB	88	C	5910	C	7450	6680	22.9
2,2',3,4,6'-PeCB	89		109		134	122	20.1
2,2',3,4',5-PeCB	90	C	55000	C	62500	58700	12.8
2,2',3,4',6-PeCB	91	C88		C88			
2,2',3,5,5'-PeCB	92		10300		11500	10900	11.1
2,2',3,5,6-PeCB	93	C	24100	C	31900	28000	27.8
2,2',3,5,6'-PeCB	94		99.9		117	109	15.9
2,2',3,5',6-PeCB	95	C93		C93			
2,2',3,6,6'-PeCB	96		129		157	143	19.7
2,2',3',4,5-PeCB	97	C86		C86			
2,2',3',4,6-PeCB	98	C93		C93			
2,2',4,4',5-PeCB	99	C83		C83			
2,2',4,4',6-PeCB	100	C93		C93			
2,2',4,5,5'-PeCB	101	C90		C90			
2,2',4,5,6'-PeCB	102	C93		C93			
2,2',4,5',6-PeCB	103		1030		1310	1170	23.4
2,2',4,6,6'-PeCB	104	K J	7.12	J	9.77		
2,3,3',4,4'-PeCB	105		8690		9370	9030	7.53
2,3,3',4,5-PeCB	106	U		U			
2,3,3',4',5-PeCB	107	C	693	C	824	759	17.3
2,3,3',4,5'-PeCB	108	C86		C86			
2,3,3',4,6-PeCB	109		3070		3200	3130	4.12
2,3,3',4',6-PeCB	110	C	36400	C	42300	39400	14.9
2,3,3',5,5'-PeCB	111		67.1		57.1	62.1	16.0
2,3,3',5,6-PeCB	112	U		U			
2,3,3',5',6-PeCB	113	C90		C90			
2,3,4,4',5-PeCB	114		680		736	708	7.83
2,3,4,4',6-PeCB	115	C110		C110			
2,3,4,5,6-PeCB	116	C85		C85			
2,3,4',5,6-PeCB	117	C85		C85			
2,3',4,4',5-PeCB	118		38400		39300	38800	2.11
2,3',4,4',6-PeCB	119	C86		C86			
2,3',4,5,5'-PeCB	120		387		432	409	10.9
2,3',4,5',6-PeCB	121	J	36.4		37.3	36.9	2.33
2',3,3',4,5-PeCB	122		165		177	171	7.35
2',3,4,4',5-PeCB	123		511		562	536	9.45
2',3,4,5,5'-PeCB	124	C107		C107			
2',3,4,5,6'-PeCB	125	C86		C86			
3,3',4,4',5-PeCB	126		51.3		50.0	50.6	2.70
3,3',4,5,5'-PeCB	127		69.8		78.4	74.1	11.6
2,2',3,3',4,4'-HxCB	128	C	8390	C	9640	9020	13.9
2,2',3,3',4,5-HxCB	129	C	89500	C	96400	92900	7.40

COMPOUND	IUPAC NO.	L11235-7 (A)		WG25504-103		MEAN	RELATIVE PERCENT DIFFERENCE
		LAB FLAG [1]	CONC. FOUND	LAB FLAG [1]	CONC. FOUND		
2,2',3,3',4,5'-HxCB	130		4100		4410	4260	7.25
2,2',3,3',4,6-HxCB	131		449		492	471	9.24
2,2',3,3',4,6'-HxCB	132		13000		16300	14600	22.7
2,2',3,3',5,5'-HxCB	133		1740		1950	1840	11.4
2,2',3,3',5,6-HxCB	134	C	2490	C	2950	2720	16.9
2,2',3,3',5,6'-HxCB	135	C	25800	C	30700	28200	17.3
2,2',3,3',6,6'-HxCB	136		6140		8280	7210	29.6
2,2',3,4,4',5-HxCB	137		3270		3160	3220	3.31
2,2',3,4,4',5'-HxCB	138	C129		C129			
2,2',3,4,4',6-HxCB	139	C	1500	C	1610	1550	6.98
2,2',3,4,4',6'-HxCB	140	C139		C139			
2,2',3,4,5,5'-HxCB	141		12700		13700	13200	7.68
2,2',3,4,5,6-HxCB	142	U		U			
2,2',3,4,5,6'-HxCB	143	C134		C134			
2,2',3,4,5',6-HxCB	144		3570		4140	3850	14.7
2,2',3,4,6,6'-HxCB	145	J	14.2	J	18.0	16.1	24.1
2,2',3,4',5,5'-HxCB	146		15500		17100	16300	10.2
2,2',3,4',5,6-HxCB	147	C	52500	C	65200	58900	21.5
2,2',3,4',5,6'-HxCB	148		260		290	275	10.8
2,2',3,4',5',6-HxCB	149	C147		C147			
2,2',3,4',6,6'-HxCB	150		178		245	211	31.6
2,2',3,5,5',6-HxCB	151	C135		C135			
2,2',3,5,6,6'-HxCB	152	J	31.6		38.5	35.0	19.6
2,2',4,4',5,5'-HxCB	153	C	107000	C	118000	112000	10.3
2,2',4,4',5,6'-HxCB	154	C135		C135			
2,2',4,4',6,6'-HxCB	155	J	14.3	J	16.8	15.6	15.8
2,3,3',4,4',5-HxCB	156	C	6600	C	7040	6820	6.54
2,3,3',4,4',5'-HxCB	157	C156		C156			
2,3,3',4,4',6-HxCB	158		7550		8280	7920	9.11
2,3,3',4,5,5'-HxCB	159		526		664	595	23.2
2,3,3',4,5,6-HxCB	160	C129		C129			
2,3,3',4,5',6-HxCB	161	U		U			
2,3,3',4',5,5'-HxCB	162		229		235	232	2.72
2,3,3',4',5,6-HxCB	163	C129		C129			
2,3,3',4',5',6-HxCB	164		3630		4380	4010	18.6
2,3,3',5,5',6-HxCB	165		71.7		84.2	77.9	16.0
2,3,4,4',5,6-HxCB	166	C128		C128			
2,3',4,4',5,5'-HxCB	167		3230		3360	3290	3.98
2,3',4,4',5',6-HxCB	168	C153		C153			
3,3',4,4',5,5'-HxCB	169		3.15		3.72	3.44	16.6
2,2',3,3',4,4',5-HpCB	170		18000		19900	19000	9.93
2,2',3,3',4,4',6-HpCB	171	C	6480	C	7260	6870	11.3
2,2',3,3',4,5,5'-HpCB	172		3710		4020	3860	8.00
2,2',3,3',4,5,6-HpCB	173	C171		C171			
2,2',3,3',4,5,6'-HpCB	174		12700		15700	14200	20.8
2,2',3,3',4,5',6-HpCB	175		997		1070	1040	7.35
2,2',3,3',4,6,6'-HpCB	176		2320		2810	2570	19.2
2,2',3,3',4',5,6-HpCB	177		12500		14500	13500	14.4
2,2',3,3',5,5',6-HpCB	178		5510		6130	5820	10.7
2,2',3,3',5,6,6'-HpCB	179		7700		9300	8500	18.8
2,2',3,4,4',5,5'-HpCB	180	C	56000	C	60200	58100	7.24
2,2',3,4,4',5,6-HpCB	181		184		192	188	4.65
2,2',3,4,4',5,6'-HpCB	182		256		244	250	4.74
2,2',3,4,4',5',6-HpCB	183	C	20500	C	22200	21400	7.74
2,2',3,4,4',6,6'-HpCB	184	J	21.2	J	20.5	20.8	3.53
2,2',3,4,5,5',6-HpCB	185	C183		C183			
2,2',3,4,5,6,6'-HpCB	186	U		U			
2,2',3,4',5,5',6-HpCB	187		37500		41300	39400	9.81
2,2',3,4',5,6,6'-HpCB	188		63.2		64.9	64.1	2.68
2,3,3',4,4',5,5'-HpCB	189		532		574	553	7.76
2,3,3',4,4',5,6-HpCB	190		5060		5320	5190	4.96
2,3,3',4,4',5',6-HpCB	191		1100		1120	1110	1.82
2,3,3',4,5,5',6-HpCB	192	U		U			
2,3,3',4',5,5',6-HpCB	193	C180		C180			
2,2',3,3',4,4',5,5'-OcCB	194		8050		9210	8630	13.5
2,2',3,3',4,4',5,6-OcCB	195		3100		3420	3260	9.67
2,2',3,3',4,4',5,6'-OcCB	196		5390		5420	5410	0.436
2,2',3,3',4,4',6,6'-OcCB	197	C	1290	C	1400	1350	8.00
2,2',3,3',4,5,5',6-OcCB	198	C	10200	C	10300	10300	1.20

COMPOUND	IUPAC NO.	L11235-7 (A) LAB FLAG [1]	L11235-7 (A) CONC. FOUND	WG25504-103 LAB FLAG [1]	WG25504-103 CONC. FOUND	MEAN	RELATIVE PERCENT DIFFERENCE
2,2',3,3',4,5,5',6'-OcCB	199	C198		C198			
2,2',3,3',4,5,6,6'-OcCB	200	C197		C197			
2,2',3,3',4,5',6,6'-OcCB	201		1270		1370	1320	7.55
2,2',3,3',5,5',6,6'-OcCB	202		2160		2250	2200	4.34
2,2',3,4,4',5,5',6-OcCB	203		7780		7800	7790	0.338
2,2',3,4,4',5,6,6'-OcCB	204	J	1.61	J	3.88	2.74	82.4
2,3,3',4,4',5,5',6-OcCB	205		517		541	529	4.57
2,2',3,3',4,4',5,5',6-NoCB	206		2010		2000	2000	0.113
2,2',3,3',4,4',5,6,6'-NoCB	207		246		263	255	6.58
2,2',3,3',4,5,5',6,6'-NoCB	208		460		437	449	5.13
2,2',3,3',4,4',5,5',6,6'-DeCB	209		283		240	261	16.1

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T1-M-DC-HP-COMP1
Sample Collection:
07-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-4 i
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	08-Apr-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	09-Apr-2008 **Time:** 01:51:34	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_087 S: 8**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_087 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_087 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		B	41.4	0.250	0.77	1.002
3,3',4,4',5-PeCB	126		B	72.4	2.28	1.55	1.001
3,3',4,4',5,5'-HxCB	169		B	4.67	0.398	1.35	1.001

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.

Approved by: _____Henry Huang_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L10839-4_Form1A_DT8B_087S8_SJ845773.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T1-M-ES-WB-COMP5
Sample Collection:
04-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-5 i
Matrix:	TISSUE	**Sample Size:**	2.29 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	08-Apr-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	09-Apr-2008 **Time:** 02:31:17	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_087 S: 9**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_087 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_087 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		B	18.0	0.227	0.78	1.001
3,3',4,4',5-PeCB	126		B	41.7	4.31	1.57	1.001
3,3',4,4',5,5'-HxCB	169		B	2.18	0.408	1.28	1.001

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.

Approved by: _____Henry Huang_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L10839-5_Form1A_DT8B_087S9_SJ845774.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T2-A-ES-WB-COMP4
Sample Collection:
04-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-6 i
Matrix:	TISSUE	**Sample Size:**	2.08 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	08-Apr-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	09-Apr-2008 **Time:** 03:50:56	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_087 S: 11**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_087 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_087 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		B	37.4	0.261	0.75	1.002
3,3',4,4',5-PeCB	126		B	110	3.23	1.52	1.001
3,3',4,4',5,5'-HxCB	169		B	5.50	0.583	1.08	1.001

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.

Approved by: _____Henry Huang_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L10839-6_Form1A_DT8B_087S11_SJ845776.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T3-M-ES-WB-COMP4
Sample Collection:
05-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-7 i
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	08-Apr-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	09-Apr-2008 **Time:** 05:10:25	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_087 S: 13**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_087 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_087 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		B	87.3	0.250	0.79	1.001
3,3',4,4',5-PeCB	126		B	184	4.11	1.59	1.001
3,3',4,4',5,5'-HxCB	169		B	7.95	0.764	1.17	1.000

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.

Approved by: _____Henry Huang_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L10839-7_Form1A_DT8B_087S13_SJ845778.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T1-B-SS-WB-COMP1
Sample Collection:
07-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-8 i
Matrix:	TISSUE	**Sample Size:**	2.14 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	08-Apr-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	09-Apr-2008 **Time:** 01:11:50	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_087 S: 7**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_087 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_087 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		B	48.7	0.234	0.79	1.001
3,3',4,4',5-PeCB	126		B	96.1	3.19	1.58	1.001
3,3',4,4',5,5'-HxCB	169		B	4.16	0.517	1.38	1.001

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.

Approved by: _____Henry Huang_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L10839-8_Form1A_DT8B_087S7_SJ845772.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T2-E-SS-WB-COMP1
Sample Collection:
04-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-9 i
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	08-Apr-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	09-Apr-2008 **Time:** 03:11:02	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_087 S: 10**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_087 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_087 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		B	31.1	0.308	0.78	1.002
3,3',4,4',5-PeCB	126		B	61.5	2.65	1.49	1.001
3,3',4,4',5,5'-HxCB	169		B	2.26	0.373	1.40	1.001

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.

Approved by: _____Henry Huang_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L10839-9_Form1A_DT8B_087S10_SJ845775.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T3-F-SS-WB-COMP1
Sample Collection:
05-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-10 i
Matrix:	TISSUE	**Sample Size:**	2.07 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	08-Apr-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	09-Apr-2008 **Time:** 04:30:41	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT8B_087 S: 12**
Injection Volume (uL):	1.0	**Blank Data Filename:**	DT8B_087 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT8B_087 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		B	39.1	0.387	0.82	1.001
3,3',4,4',5-PeCB	126		B	91.2	2.53	1.57	1.001
3,3',4,4',5,5'-HxCB	169		B	5.11	0.833	1.32	1.000

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.

Approved by: _____Henry Huang_____ QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form16681A.xsl; Created: 16-Jul-2008 08:57:55; Application: XMLTransformer-1.9.10;
Report Filename: 1668_PCB1668_DB1_L10839-10_Form1A_DT8B_087S12_SJ845777.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	4033	**Project No.**	N/A
Matrix:	CORN OIL	**Lab Sample I.D.:**	WG24520-101 i
Sample Receipt Date:	N/A	**Sample Size:**	3.00 g
Extraction Date:	14-Feb-2008	**Initial Calibration Date:**	08-Apr-2008
Analysis Date:	08-Apr-2008 **Time:** 23:52:22	**Instrument ID:**	HR GC/MS
Extract Volume (uL):	20	**GC Column ID:**	DB1
Injection Volume (uL):	1.0	**Sample Data Filename:**	**DT8B_087 S: 5**
Dilution Factor:	N/A	**Blank Data Filename:**	DT8B_087 S: 5
Concentration Units:	ng/kg	**Cal. Ver. Data Filename:**	DT8B_087 S: 1

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4,4',5-TeCB	81		J	0.701	0.167	0.87	1.002
3,3',4,4',5-PeCB	126		J	0.549	0.276	1.77	1.001
3,3',4,4',5,5'-HxCB	169		J	0.401	0.239	1.23	1.001

(1) Where applicable, custom lab flags have been used on this report; J = concentration less than LMCL.

Approved by: _____Henry Huang_____ QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form16681A.xsl; Created: 16-Jul-2008 08:57:55; Application: XMLTransformer-1.9.10;
Report Filename: 1668_PCB1668_DB1_WG24520-101_Form1A_DT8B_087S5_SJ845771.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T1-M-DC-EM-COMP1
Sample Collection:
07-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-1
Matrix:	TISSUE	**Sample Size:**	5.08 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	28-Mar-2008 **Time:** 12:57:10	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	20	**Sample Data Filename:**	**PB8C_136 S: 6**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_136 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	0.517	0.217	2.78	1.001
3-MoCB	2		J	0.377	0.243	3.01	0.988
4-MoCB	3		B J	0.650	0.291	3.31	1.000
2,2'-DiCB	4			2.20	0.494	1.34	1.000
2,3-DiCB	5		U		0.281		
2,3'-DiCB	6			5.93	0.255	1.43	1.175
2,4-DiCB	7			1.11	0.273	1.69	1.157
2,4'-DiCB	8			10.6	0.238	1.51	1.206
2,5-DiCB	9		K J	0.334	0.261	2.20	1.145
2,6-DiCB	10		U		0.265		
3,3'-DiCB	11		B	6.25	0.263	1.54	0.969
3,4-DiCB	12	12 + 13	C	5.81	0.264	1.52	0.984
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		0.265		
4,4'-DiCB	15			103	0.294	1.47	1.001
2,2',3-TriCB	16			10.9	0.0984	1.04	1.165
2,2',4-TriCB	17		B	17.0	0.0984	1.08	1.138
2,2',5-TriCB	18	18 + 30	C B	54.9	0.0984	1.08	1.113
2,2',6-TriCB	19			1.58	0.104	1.15	1.001
2,3,3'-TriCB	20	20 + 28	C B	851	0.193	1.00	0.846
2,3,4-TriCB	21	21 + 33	C B	72.8	0.186	0.98	0.856
2,3,4'-TriCB	22			147	0.207	1.01	0.871
2,3,5-TriCB	23		J	0.230	0.206	0.95	1.282
2,3,6-TriCB	24		J	0.390	0.0984	1.06	1.158
2,3',4-TriCB	25			38.1	0.174	1.00	0.824
2,3',5-TriCB	26	26 + 29	C B	74.9	0.191	1.01	1.301
2,3',6-TriCB	27			12.2	0.0984	1.08	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	463	0.180	1.00	0.835
2,4',6-TriCB	32		B	25.1	0.203	0.97	1.197
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34			1.63	0.199	0.88	1.274
3,3',4-TriCB	35			4.06	0.223	1.01	0.985
3,3',5-TriCB	36		J	0.240	0.195	0.97	0.931
3,4,4'-TriCB	37		B	221	0.198	1.00	1.001
3,4,5-TriCB	38		U		0.196		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39			1.79	0.199	0.92	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	143	0.0984	0.78	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	134	0.0984	0.80	1.312
2,2',3,5-TeCB	43			29.7	0.0984	0.80	1.246
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	640	0.0984	0.79	1.285
2,2',3,6-TeCB	45	45 + 51	C B	15.7	0.0984	0.79	1.146
2,2',3,6'-TeCB	46			5.32	0.0984	0.83	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			50.7	0.0984	0.77	1.273
2,2',4,5'-TeCB	49	49 + 69	C B	409	0.0984	0.80	1.258
2,2',4,6-TeCB	50	50 + 53	C	22.2	0.0984	0.79	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	1110	0.0984	0.79	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		U		0.0984		
2,3,3',4-TeCB	55			70.5	4.89	0.73	0.890
2,3,3',4'-TeCB	56		B	237	4.80	0.74	0.905
2,3,3',5-TeCB	57		U		4.46		
2,3,3',5'-TeCB	58		U		4.74		
2,3,3',6-TeCB	59	59 + 62 + 75	C B	53.0	0.0984	0.80	1.302
2,3,4,4'-TeCB	60			297	5.01	0.75	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	1680	4.34	0.71	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			45.9	4.49	0.72	0.864
2,3,4',6-TeCB	64		B	285	0.0984	0.79	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	1460	4.68	0.72	0.884
2,3',4,5-TeCB	67			15.7	4.07	0.68	0.855
2,3',4,5'-TeCB	68			7.88	4.35	0.71	0.830
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			13.6	4.21	0.71	0.822
2,3',5',6-TeCB	73			15.1	0.0984	0.76	1.239
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	85.0	4.93	0.74	1.000
3,3',4,5-TeCB	78		U		5.19		
3,3',4,5'-TeCB	79			27.8	4.31	0.67	0.970
3,3',5,5'-TeCB	80		U		4.30		
3,4,4',5-TeCB	81		K	5.40	4.84	0.73	1.000
2,2',3,3',4-PeCB	82		B	105	1.72	1.58	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	1550	1.56	1.58	0.885
2,2',3,3',6-PeCB	84		B	268	1.63	1.59	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	354	1.31	1.57	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	1180	1.32	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	194	1.48	1.56	1.155
2,2',3,4,6'-PeCB	89			2.19	1.55	1.67	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	2990	1.35	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	449	1.49	1.57	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	1180	1.45	1.56	1.120
2,2',3,5,6'-PeCB	94			5.12	1.59	1.58	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			1.26	0.0984	1.41	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			21.1	1.32	1.58	1.093
2,2',4,6,6'-PeCB	104		K J	0.116	0.0984	1.01	1.001
2,3,3',4,4'-PeCB	105		B	835	5.39	1.55	1.000
2,3,3',4,5-PeCB	106		U		5.09		
2,3,3',4',5-PeCB	107	107 + 124	C	69.0	5.34	1.55	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B	159	5.05	1.54	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	2270	1.15	1.57	0.925
2,3,3',5,5'-PeCB	111			2.55	1.17	1.69	0.945
2,3,3',5,6-PeCB	112		U		1.13		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	56.9	5.41	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		B	2350	4.72	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			3.29	1.20	1.53	0.958
2,3',4,5',6-PeCB	121		U		1.13		
2',3,3',4,5-PeCB	122			32.8	6.11	1.62	1.010
2',3,4,4',5-PeCB	123			40.9	5.79	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		U		7.39		
3,3',4,5,5'-PeCB	127		U		6.08		
2,2',3,3',4,4'-HxCB	128	128 + 166	C	445	3.69	1.24	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	4910	3.70	1.25	0.929
2,2',3,3',4,5'-HxCB	130			190	4.65	1.25	0.913
2,2',3,3',4,6-HxCB	131			28.9	3.86	1.22	1.161
2,2',3,3',4,6'-HxCB	132		B	653	4.09	1.25	1.175
2,2',3,3',5,5'-HxCB	133			61.3	3.81	1.23	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	142	3.77	1.24	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	1110	0.0984	1.27	1.104
2,2',3,3',6,6'-HxCB	136		B	205	0.0984	1.25	1.025
2,2',3,4,4',5-HxCB	137			125	4.40	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	27.2	3.42	1.20	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	524	3.80	1.23	0.903
2,2',3,4,5,6-HxCB	142		U		3.85		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	113	0.0984	1.26	1.122
2,2',3,4,6,6'-HxCB	145		K J	0.375	0.0984	1.59	1.034
2,2',3,4',5,5'-HxCB	146		B	680	3.39	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	3480	3.37	1.26	1.134
2,2',3,4',5,6'-HxCB	148			5.03	0.0984	1.26	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			4.74	0.0984	1.20	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			1.14	0.0984	1.25	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	4730	3.07	1.25	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	0.214	0.0984	1.32	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	357	4.24	1.23	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	321	2.98	1.25	0.938
2,3,3',4,5,5'-HxCB	159			23.6	3.28	1.28	0.981
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			6.99	2.96	1.14	0.887
2,3,3',4',5,5'-HxCB	162			10.4	3.39	1.36	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164			191	3.03	1.25	0.921
2,3,3',5,5',6-HxCB	165		U		3.33		
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			150	2.94	1.27	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		U		3.98		
2,2',3,3',4,4',5-HpCB	170		B	664	0.170	1.05	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	264	0.148	1.05	1.163
2,2',3,3',4,5,5'-HpCB	172			114	0.162	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	528	0.135	1.04	1.133
2,2',3,3',4,5',6-HpCB	175			31.2	0.133	1.06	1.102
2,2',3,3',4,6,6'-HpCB	176		B	107	0.0984	1.07	1.034
2,2',3,3',4',5,6-HpCB	177		B	707	0.133	1.04	1.146
2,2',3,3',5,5',6-HpCB	178		B	226	0.129	1.06	1.085
2,2',3,3',5,6,6'-HpCB	179		B	376	0.0984	1.04	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	1760	0.122	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			4.85	0.140	1.02	1.156
2,2',3,4,4',5,6'-HpCB	182			7.14	0.128	1.02	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	626	0.135	1.06	1.127
2,2',3,4,4',6,6'-HpCB	184		J	0.615	0.0984	0.90	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		J	0.136	0.101	0.91	1.046
2,2',3,4',5,5',6-HpCB	187		B	1330	0.112	1.04	1.110
2,2',3,4',5,6,6'-HpCB	188			1.97	0.0984	1.08	1.000
2,3,3',4,4',5,5'-HpCB	189			23.3	0.449	1.00	1.000
2,3,3',4,4',5,6-HpCB	190		B	172	0.129	1.02	0.947
2,3,3',4,4',5',6-HpCB	191		B	33.8	0.119	1.10	0.917
2,3,3',4,5,5',6-HpCB	192		U		0.132		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	162	0.151	0.89	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	56.3	0.156	0.88	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B	92.7	0.0984	0.91	0.915
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	33.2	0.0984	0.91	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	180	0.0984	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			44.1	0.0984	0.89	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B	90.3	0.0984	0.90	1.000
2,2',3,4,4',5,5',6-OcCB	203		B	140	0.0984	0.90	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	0.158	0.0984	0.88	1.039
2,3,3',4,4',5,5',6-OcCB	205			9.36	0.140	0.88	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			38.8	0.0984	0.76	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			5.36	0.0984	0.83	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	13.7	0.0984	0.80	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	7.77	0.0984	0.71	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T3-M-DC-EM-COMP3
Sample Collection:
05-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-2
Matrix:	TISSUE	**Sample Size:**	5.26 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	28-Mar-2008 **Time:** 16:10:49	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	20	**Sample Data Filename:**	**PB8C_136 S: 9**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_136 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	0.635	0.237	2.74	1.000
3-MoCB	2		K J	0.296	0.259	2.15	0.988
4-MoCB	3		B	0.874	0.302	3.31	1.000
2,2'-DiCB	4			3.11	0.485	1.37	1.000
2,3-DiCB	5		J	0.334	0.277	1.59	1.195
2,3'-DiCB	6			20.6	0.252	1.42	1.175
2,4-DiCB	7			0.808	0.269	1.63	1.157
2,4'-DiCB	8			17.6	0.235	1.51	1.206
2,5-DiCB	9			0.995	0.258	1.54	1.144
2,6-DiCB	10		U		0.261		
3,3'-DiCB	11		B	9.53	0.260	1.38	0.969
3,4-DiCB	12	12 + 13	C	11.8	0.261	1.44	0.982
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		0.261		
4,4'-DiCB	15			127	0.288	1.45	1.000
2,2',3-TriCB	16			15.2	0.123	1.08	1.165
2,2',4-TriCB	17		B	23.5	0.108	1.07	1.138
2,2',5-TriCB	18	18 + 30	C B	110	0.0951	1.05	1.112
2,2',6-TriCB	19			1.46	0.160	1.01	1.001
2,3,3'-TriCB	20	20 + 28	C B	1140	0.188	0.99	0.847
2,3,4-TriCB	21	21 + 33	C B	115	0.182	1.02	0.857
2,3,4'-TriCB	22			169	0.202	1.00	0.872
2,3,5-TriCB	23		J	0.357	0.200	0.95	1.283
2,3,6-TriCB	24			1.02	0.0951	0.91	1.158
2,3',4-TriCB	25			122	0.169	0.99	0.824
2,3',5-TriCB	26	26 + 29	C B	259	0.187	1.00	1.300
2,3',6-TriCB	27			37.8	0.0951	1.03	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	661	0.175	1.01	0.836
2,4',6-TriCB	32		B	37.6	0.198	0.98	1.196
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34			4.53	0.194	1.03	1.273
3,3',4-TriCB	35			3.44	0.217	1.04	0.985
3,3',5-TriCB	36		J	0.326	0.191	1.08	0.931
3,4,4'-TriCB	37		B	229	0.197	0.99	1.001
3,4,5-TriCB	38		K J	0.266	0.191	2.25	0.967

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39			2.26	0.194	1.06	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	227	0.0951	0.78	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	203	0.0951	0.79	1.312
2,2',3,5-TeCB	43			44.7	0.103	0.76	1.247
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	1220	0.0951	0.79	1.286
2,2',3,6-TeCB	45	45 + 51	C B	20.5	0.0962	0.77	1.147
2,2',3,6'-TeCB	46			6.36	0.109	0.79	1.162
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			67.1	0.0951	0.79	1.274
2,2',4,5'-TeCB	49	49 + 69	C B	850	0.0951	0.79	1.259
2,2',4,6-TeCB	50	50 + 53	C	64.6	0.0951	0.76	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	2530	0.0951	0.79	1.234
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	0.155	0.0951	0.75	1.001
2,3,3',4-TeCB	55			66.7	4.58	0.73	0.889
2,3,3',4'-TeCB	56		B	266	4.49	0.74	0.904
2,3,3',5-TeCB	57			10.6	4.17	0.78	0.843
2,3,3',5'-TeCB	58			7.05	4.43	0.66	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	110	0.0951	0.79	1.302
2,3,4,4'-TeCB	60			306	4.69	0.74	0.910
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	2650	4.06	0.74	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			70.5	4.20	0.75	0.863
2,3,4',6-TeCB	64		B	413	0.0951	0.79	1.349
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	2030	4.38	0.74	0.883
2,3',4,5-TeCB	67			30.5	3.81	0.73	0.855
2,3',4,5'-TeCB	68			26.7	4.07	0.73	0.830
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			48.7	3.94	0.75	0.822
2,3',5',6-TeCB	73			35.1	0.0951	0.79	1.240
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	78.3	4.94	0.76	1.000
3,3',4,5-TeCB	78		U		4.86		
3,3',4,5'-TeCB	79			36.7	4.03	0.69	0.969
3,3',5,5'-TeCB	80		U		4.03		
3,4,4',5-TeCB	81		K	5.21	4.70	0.83	1.001
2,2',3,3',4-PeCB	82		B	148	4.04	1.63	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	2890	3.67	1.57	0.885
2,2',3,3',6-PeCB	84		B	430	3.83	1.57	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	517	3.08	1.58	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	1770	3.12	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	382	3.48	1.57	1.155
2,2',3,4,6'-PeCB	89		U		3.64		
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	4890	3.17	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	883	3.50	1.58	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	2420	3.40	1.58	1.121
2,2',3,5,6'-PeCB	94			10.3	3.74	1.60	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			2.51	0.0951	1.52	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			54.4	3.11	1.60	1.093
2,2',4,6,6'-PeCB	104		K J	0.253	0.0951	1.01	1.001
2,3,3',4,4'-PeCB	105		B	1190	7.00	1.52	1.000
2,3,3',4,5-PeCB	106		U		6.39		
2,3,3',4',5-PeCB	107	107 + 124	C	91.1	6.71	1.48	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B	262	6.34	1.55	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	3830	2.70	1.57	0.925
2,3,3',5,5'-PeCB	111			6.16	2.76	1.71	0.945
2,3,3',5,6-PeCB	112		U		2.67		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	82.0	7.19	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		B	3760	5.65	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			14.4	2.82	1.59	0.958
2,3',4,5',6-PeCB	121		U		2.67		
2',3,3',4,5-PeCB	122			38.5	7.67	1.49	1.011
2',3,4,4',5-PeCB	123			47.1	7.77	1.54	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		U		9.89		
3,3',4,5,5'-PeCB	127			8.03	7.63	1.41	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	728	4.19	1.25	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	8470	4.20	1.24	0.928
2,2',3,3',4,5'-HxCB	130			302	5.28	1.23	0.913
2,2',3,3',4,6-HxCB	131			38.7	4.39	1.22	1.160
2,2',3,3',4,6'-HxCB	132		B	1070	4.64	1.26	1.175
2,2',3,3',5,5'-HxCB	133			125	4.32	1.26	1.191
2,2',3,3',5,6-HxCB	134	134 + 143	C	203	4.28	1.25	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	2130	0.0951	1.26	1.104
2,2',3,3',6,6'-HxCB	136		B	402	0.0951	1.26	1.025
2,2',3,4,4',5-HxCB	137			220	4.99	1.27	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	60.4	3.88	1.27	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	869	4.32	1.26	0.903
2,2',3,4,5,6-HxCB	142		U		4.37		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	194	0.0951	1.27	1.122
2,2',3,4,6,6'-HxCB	145			0.876	0.0951	1.06	1.034
2,2',3,4',5,5'-HxCB	146		B	1220	3.84	1.25	0.883
2,2',3,4',5,6-HxCB	147	147 + 149	C B	5670	3.83	1.24	1.134
2,2',3,4',5,6'-HxCB	148			17.2	0.0951	1.32	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			10.5	0.0951	1.30	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			2.27	0.0951	1.19	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	8780	3.48	1.24	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	0.604	0.0951	1.21	1.000
2,3,3',4,4',5-HxCB	156	156 + 157	C B	583	4.85	1.25	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	584	3.38	1.25	0.938
2,3,3',4,5,5'-HxCB	159			44.5	3.73	1.25	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			11.6	3.36	1.32	0.887
2,3,3',4',5,5'-HxCB	162			15.2	3.85	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			301	3.45	1.28	0.921
2,3,3',5,5',6-HxCB	165			4.68	3.78	1.29	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			226	3.45	1.28	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		U		5.31		
2,2',3,3',4,4',5-HpCB	170		B	1320	0.151	1.04	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	422	0.132	1.05	1.163
2,2',3,3',4,5,5'-HpCB	172			195	0.144	1.04	0.897
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		B	1020	0.121	1.03	1.134
2,2',3,3',4,5',6-HpCB	175			59.8	0.118	1.06	1.102
2,2',3,3',4,6,6'-HpCB	176		B	173	0.0951	1.04	1.034
2,2',3,3',4',5,6-HpCB	177		B	1090	0.119	1.05	1.146
2,2',3,3',5,5',6-HpCB	178		B	415	0.115	1.05	1.085
2,2',3,3',5,6,6'-HpCB	179		B	636	0.0951	1.06	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	3820	0.109	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			7.89	0.125	1.04	1.157
2,2',3,4,4',5,6'-HpCB	182			16.6	0.114	1.07	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	1310	0.121	1.06	1.127
2,2',3,4,4',6,6'-HpCB	184			0.884	0.0951	0.94	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		J	0.178	0.0951	1.04	1.046
2,2',3,4',5,5',6-HpCB	187		B	2760	0.0996	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			3.62	0.0951	0.98	1.000
2,3,3',4,4',5,5'-HpCB	189			38.2	0.662	0.99	1.000
2,3,3',4,4',5,6-HpCB	190		B	320	0.115	1.06	0.947
2,3,3',4,4',5',6-HpCB	191		B	62.2	0.106	1.02	0.917
2,3,3',4,5,5',6-HpCB	192		U		0.118		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	441	0.266	0.91	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	152	0.274	0.86	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B	241	0.0951	0.89	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	64.3	0.0951	0.86	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	410	0.0951	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			80.2	0.0951	0.92	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B	155	0.0951	0.89	1.001
2,2',3,4,4',5,5',6-OcCB	203		B	322	0.0951	0.89	0.920
2,2',3,4,4',5,6,6'-OcCB	204		J	0.141	0.0951	0.96	1.039
2,3,3',4,4',5,5',6-OcCB	205			22.2	0.227	0.85	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			68.7	0.0951	0.76	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			9.56	0.0951	0.73	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	15.7	0.0951	0.81	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	5.51	0.0951	0.70	1.001

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T2-M-SC-EM-COMP1
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-3 (A)
Matrix:	TISSUE	**Sample Size:**	5.16 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	28-Mar-2008 **Time:** 14:01:42	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	20	**Sample Data Filename:**	**PB8C_136 S: 7**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_136 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	0.404	0.207	3.16	1.001
3-MoCB	2		U		0.248		
4-MoCB	3		K B J	0.362	0.316	4.98	0.999
2,2'-DiCB	4			3.84	0.398	1.50	1.001
2,3-DiCB	5		U		0.231		
2,3'-DiCB	6			1.15	0.210	1.64	1.175
2,4-DiCB	7			1.10	0.224	1.49	1.157
2,4'-DiCB	8			2.13	0.196	1.50	1.208
2,5-DiCB	9		J	0.303	0.215	1.70	1.145
2,6-DiCB	10		U		0.218		
3,3'-DiCB	11		B	3.66	0.217	1.60	0.970
3,4-DiCB	12	12 + 13	C J	0.651	0.217	1.44	0.983
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		0.218		
4,4'-DiCB	15			128	0.244	1.47	1.001
2,2',3-TriCB	16			8.71	0.123	1.08	1.166
2,2',4-TriCB	17		B	27.9	0.108	1.03	1.138
2,2',5-TriCB	18	18 + 30	C B	236	0.0969	1.06	1.114
2,2',6-TriCB	19			2.43	0.158	0.99	1.002
2,3,3'-TriCB	20	20 + 28	C B	1260	0.202	0.99	0.847
2,3,4-TriCB	21	21 + 33	C B	53.9	0.195	1.01	0.855
2,3,4'-TriCB	22			159	0.217	1.00	0.871
2,3,5-TriCB	23		U		0.215		
2,3,6-TriCB	24		J	0.273	0.0969	1.13	1.158
2,3',4-TriCB	25			30.9	0.182	0.99	0.824
2,3',5-TriCB	26	26 + 29	C B	191	0.200	0.99	1.301
2,3',6-TriCB	27			2.67	0.0969	0.93	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	565	0.188	1.00	0.836
2,4',6-TriCB	32		B	18.9	0.213	0.96	1.198
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	0.688	0.208	1.07	1.273
3,3',4-TriCB	35		U		0.233		
3,3',5-TriCB	36		K J	0.360	0.205	1.32	0.931
3,4,4'-TriCB	37		B	263	0.211	1.00	1.001
3,4,5-TriCB	38		U		0.205		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39			4.65	0.208	1.02	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	180	0.0969	0.78	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	250	0.0969	0.79	1.312
2,2',3,5-TeCB	43			52.4	0.0969	0.79	1.246
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	1470	0.0969	0.79	1.285
2,2',3,6-TeCB	45	45 + 51	C B	23.4	0.0969	0.76	1.147
2,2',3,6'-TeCB	46			6.68	0.0969	0.82	1.162
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			134	0.0969	0.76	1.273
2,2',4,5'-TeCB	49	49 + 69	C B	1480	0.0969	0.79	1.259
2,2',4,6-TeCB	50	50 + 53	C	44.9	0.0969	0.77	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	2910	0.0969	0.79	1.234
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		K J	0.118	0.0969	0.62	1.001
2,3,3',4-TeCB	55			79.5	3.84	0.75	0.889
2,3,3',4'-TeCB	56		B	387	3.76	0.74	0.904
2,3,3',5-TeCB	57			6.56	3.49	0.71	0.843
2,3,3',5'-TeCB	58			7.14	3.72	0.75	0.850
2,3,3',6-TeCB	59	59 + 62 + 75	C B	96.2	0.0969	0.78	1.302
2,3,4,4'-TeCB	60			480	3.93	0.75	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	2500	3.40	0.73	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			86.0	3.52	0.72	0.864
2,3,4',6-TeCB	64		B	507	0.0969	0.79	1.349
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	2030	3.67	0.73	0.884
2,3',4,5-TeCB	67			29.6	3.19	0.72	0.856
2,3',4,5'-TeCB	68			18.4	3.41	0.71	0.830
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			36.6	3.30	0.70	0.822
2,3',5',6-TeCB	73			35.7	0.0969	0.80	1.239
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	129	4.20	0.73	1.000
3,3',4,5-TeCB	78		U		4.07		
3,3',4,5'-TeCB	79			36.6	3.38	0.68	0.969
3,3',5,5'-TeCB	80		U		3.38		
3,4,4',5-TeCB	81			6.28	4.04	0.69	1.001
2,2',3,3',4-PeCB	82		B	227	0.791	1.56	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	3200	0.718	1.58	0.886
2,2',3,3',6-PeCB	84		B	342	0.749	1.59	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	716	0.603	1.57	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	2330	0.610	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	434	0.682	1.59	1.155
2,2',3,4,6'-PeCB	89			2.73	0.712	1.44	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	6310	0.621	1.57	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	980	0.686	1.57	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	2380	0.666	1.57	1.120
2,2',3,5,6'-PeCB	94			6.35	0.731	1.47	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			2.56	0.0969	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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			54.8	0.608	1.62	1.093
2,2',4,6,6'-PeCB	104		J	0.163	0.0969	1.65	1.001
2,3,3',4,4'-PeCB	105		B	1580	6.19	1.52	1.001
2,3,3',4,5-PeCB	106			5.86	5.68	1.51	1.002
2,3,3',4',5-PeCB	107	107 + 124	C	121	5.96	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		B	276	5.63	1.54	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	2550	0.528	1.58	0.925
2,3,3',5,5'-PeCB	111			3.62	0.541	1.43	0.945
2,3,3',5,6-PeCB	112		U		0.522		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	107	6.42	1.59	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	4460	5.03	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			13.8	0.551	1.61	0.958
2,3',4,5',6-PeCB	121			0.835	0.523	1.36	1.200
2',3,3',4,5-PeCB	122			50.0	6.82	1.65	1.010
2',3,4,4',5-PeCB	123			73.4	6.59	1.49	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		U		8.85		
3,3',4,5,5'-PeCB	127		U		6.78		
2,2',3,3',4,4'-HxCB	128	128 + 166	C	772	3.61	1.23	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	9010	3.63	1.24	0.928
2,2',3,3',4,5'-HxCB	130			363	4.56	1.25	0.913
2,2',3,3',4,6-HxCB	131			45.1	3.79	1.28	1.160
2,2',3,3',4,6'-HxCB	132		B	972	4.01	1.25	1.176
2,2',3,3',5,5'-HxCB	133			125	3.73	1.20	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	199	3.70	1.25	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	1850	0.0969	1.27	1.104
2,2',3,3',6,6'-HxCB	136		B	325	0.0969	1.27	1.025
2,2',3,4,4',5-HxCB	137			222	4.31	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	92.4	3.35	1.26	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	854	3.73	1.25	0.903
2,2',3,4,5,6-HxCB	142		U		3.77		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	209	0.0969	1.26	1.122
2,2',3,4,6,6'-HxCB	145		J	0.540	0.0969	1.25	1.035
2,2',3,4',5,5'-HxCB	146		B	1260	3.32	1.24	0.883
2,2',3,4',5,6-HxCB	147	147 + 149	C B	5440	3.30	1.26	1.134
2,2',3,4',5,6'-HxCB	148			12.0	0.0969	1.21	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			11.8	0.0969	1.25	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			1.67	0.0969	1.20	1.008
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	8730	3.01	1.25	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155			0.914	0.0969	1.11	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	634	4.07	1.27	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	536	2.92	1.24	0.938
2,3,3',4,5,5'-HxCB	159			29.2	3.22	1.25	0.981
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			15.2	2.90	1.22	0.887
2,3,3',4',5,5'-HxCB	162			14.0	3.33	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			308	2.98	1.24	0.921
2,3,3',5,5',6-HxCB	165			4.27	3.27	1.39	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			260	3.07	1.24	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		U		4.49		
2,2',3,3',4,4',5-HpCB	170		B	864	0.251	1.02	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	361	0.219	1.04	1.164
2,2',3,3',4,5,5'-HpCB	172			151	0.239	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	617	0.199	1.04	1.134
2,2',3,3',4,5',6-HpCB	175			48.8	0.196	1.03	1.103
2,2',3,3',4,6,6'-HpCB	176		B	155	0.137	1.03	1.035
2,2',3,3',4',5,6-HpCB	177		B	849	0.196	1.03	1.146
2,2',3,3',5,5',6-HpCB	178		B	355	0.190	1.04	1.086
2,2',3,3',5,6,6'-HpCB	179		B	466	0.132	1.02	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	2830	0.180	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			7.10	0.207	1.03	1.157
2,2',3,4,4',5,6'-HpCB	182			12.5	0.189	1.07	1.117
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	1040	0.200	1.04	1.128
2,2',3,4,4',6,6'-HpCB	184			1.38	0.131	1.00	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		0.149		
2,2',3,4',5,5',6-HpCB	187		B	2230	0.165	1.03	1.110
2,2',3,4',5,6,6'-HpCB	188			3.82	0.124	0.97	1.000
2,3,3',4,4',5,5'-HpCB	189			33.0	0.500	1.01	1.000
2,3,3',4,4',5,6-HpCB	190		B	264	0.190	1.02	0.947
2,3,3',4,4',5',6-HpCB	191		B	55.3	0.175	1.04	0.918
2,3,3',4,5,5',6-HpCB	192		U		0.195		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	236	0.309	0.90	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	81.5	0.318	0.88	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B	146	0.0969	0.91	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	48.2	0.0969	0.88	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	304	0.0969	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			60.3	0.0969	0.86	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B	135	0.0969	0.90	1.000
2,2',3,4,4',5,5',6-OcCB	203		B	241	0.0969	0.90	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	0.187	0.0969	0.84	1.039
2,3,3',4,4',5,5',6-OcCB	205			13.9	0.251	0.95	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			43.0	0.0969	0.77	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			5.93	0.0969	0.78	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	14.1	0.0969	0.79	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	8.07	0.0969	0.68	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T1-M-DC-HP-COMP1
Sample Collection:
07-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-4
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	29-Mar-2008 **Time:** 02:31:08	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_137C S: 4**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_137C S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		U		2.89		
3-MoCB	2		U		4.31		
4-MoCB	3		U		5.51		
2,2'-DiCB	4		U		10.9		
2,3-DiCB	5		U		12.0		
2,3'-DiCB	6		J	35.6	10.8	1.57	1.176
2,4-DiCB	7		U		11.3		
2,4'-DiCB	8			55.2	9.97	1.33	1.206
2,5-DiCB	9		U		11.2		
2,6-DiCB	10		U		12.4		
3,3'-DiCB	11		B J	24.5	10.7	1.39	0.968
3,4-DiCB	12	12 + 13	C J	20.4	10.5	1.56	0.982
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		10.6		
4,4'-DiCB	15			291	18.9	1.54	1.001
2,2',3-TriCB	16			70.7	5.94	1.11	1.166
2,2',4-TriCB	17		B	165	4.91	1.02	1.138
2,2',5-TriCB	18	18 + 30	C B	651	4.23	1.02	1.113
2,2',6-TriCB	19		J	12.9	3.59	0.94	1.001
2,3,3'-TriCB	20	20 + 28	C B	3670	3.74	1.02	0.846
2,3,4-TriCB	21	21 + 33	C B	353	3.57	1.00	0.855
2,3,4'-TriCB	22			736	4.22	1.00	0.871
2,3,5-TriCB	23		U		3.89		
2,3,6-TriCB	24		J	4.67	3.75	1.08	1.158
2,3',4-TriCB	25			303	3.27	1.04	0.823
2,3',5-TriCB	26	26 + 29	C B	788	3.72	1.01	1.301
2,3',6-TriCB	27			140	3.46	1.12	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	3010	3.61	1.04	0.835
2,4',6-TriCB	32		B	201	3.61	0.93	1.198
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		K J	8.53	3.80	0.74	1.274
3,3',4-TriCB	35		J	11.1	4.22	1.00	0.985
3,3',5-TriCB	36		J	3.98	3.95	1.17	0.931
3,4,4'-TriCB	37		B	826	7.14	1.00	1.000
3,4,5-TriCB	38		J	4.02	3.97	0.96	0.966

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		J	14.2	3.99	1.03	0.944
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	912	1.99	0.79	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	1090	2.06	0.81	1.312
2,2',3,5-TeCB	43			237	2.26	0.79	1.246
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	5010	1.77	0.81	1.285
2,2',3,6-TeCB	45	45 + 51	C B	125	1.92	0.69	1.147
2,2',3,6'-TeCB	46			37.1	2.15	0.84	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			306	1.95	0.74	1.272
2,2',4,5'-TeCB	49	49 + 69	C B	3590	1.66	0.80	1.258
2,2',4,6-TeCB	50	50 + 53	C	201	1.87	0.77	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	10900	1.80	0.80	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		U		1.57		
2,3,3',4-TeCB	55			386	11.6	0.69	0.889
2,3,3',4'-TeCB	56		B	1720	11.9	0.76	0.904
2,3,3',5-TeCB	57		J	23.3	11.2	0.70	0.843
2,3,3',5'-TeCB	58		K J	25.7	11.4	0.61	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	401	1.48	0.76	1.302
2,3,4,4'-TeCB	60			1450	12.1	0.74	0.910
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	9890	10.5	0.72	0.874
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			286	10.5	0.72	0.863
2,3,4',6-TeCB	64		B	1830	1.45	0.80	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	6650	10.8	0.73	0.884
2,3',4,5-TeCB	67			114	9.59	0.72	0.855
2,3',4,5'-TeCB	68			75.5	10.6	0.78	0.830
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			145	10.4	0.68	0.821
2,3',5',6-TeCB	73			172	1.48	0.81	1.239
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	688	13.9	0.77	1.000
3,3',4,5-TeCB	78		K J	20.1	14.0	0.90	0.988
3,3',4,5'-TeCB	79			272	10.4	0.68	0.969
3,3',5,5'-TeCB	80		U		10.7		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B	1450	8.59	1.57	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	17800	7.37	1.59	0.885
2,2',3,3',6-PeCB	84		B	2460	7.50	1.56	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	4690	6.39	1.64	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	13100	6.30	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	1930	6.44	1.65	1.155
2,2',3,4,6'-PeCB	89		J	23.5	7.31	1.66	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	35300	6.09	1.57	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	5340	7.22	1.59	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	11800	6.06	1.58	1.120
2,2',3,5,6'-PeCB	94			49.4	6.76	1.44	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		K J	8.56	1.65	2.26	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			222	5.53	1.52	1.093
2,2',4,6,6'-PeCB	104		U		2.82		
2,3,3',4,4'-PeCB	105		B	9470	36.1	1.48	1.001
2,3,3',4,5-PeCB	106			40.6	33.7	1.58	1.003
2,3,3',4',5-PeCB	107	107 + 124	C	943	37.4	1.41	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B	2500	34.9	1.56	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	32500	5.63	1.57	0.925
2,3,3',5,5'-PeCB	111			46.1	5.75	1.32	0.944
2,3,3',5,6-PeCB	112		U		5.53		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	606	33.1	1.49	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	26800	27.7	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			54.5	5.78	1.35	0.958
2,3',4,5',6-PeCB	121		U		5.32		
2',3,3',4,5-PeCB	122			456	43.2	1.55	1.010
2',3,4,4',5-PeCB	123			494	35.8	1.48	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		X				
3,3',4,5,5'-PeCB	127			69.7	44.0	1.54	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	5930	14.2	1.23	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	72800	13.1	1.26	0.929
2,2',3,3',4,5'-HxCB	130			2930	17.3	1.23	0.913
2,2',3,3',4,6-HxCB	131			328	13.8	1.39	1.161
2,2',3,3',4,6'-HxCB	132		B	9350	15.1	1.27	1.175
2,2',3,3',5,5'-HxCB	133			1100	14.6	1.29	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	1970	14.0	1.24	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	15800	1.87	1.26	1.104
2,2',3,3',6,6'-HxCB	136		B	2090	1.30	1.27	1.025
2,2',3,4,4',5-HxCB	137			1870	15.7	1.27	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	389	12.5	1.23	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	7690	14.6	1.25	0.903
2,2',3,4,5,6-HxCB	142		U		14.4		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	1520	2.00	1.27	1.122
2,2',3,4,6,6'-HxCB	145		J	4.25	1.41	1.21	1.034
2,2',3,4',5,5'-HxCB	146		B	10000	12.4	1.28	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	43100	12.5	1.25	1.134
2,2',3,4',5,6'-HxCB	148			85.0	1.91	1.25	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			49.5	1.30	1.11	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	12.3	1.18	1.35	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	75800	11.1	1.26	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		K J	5.01	1.67	0.93	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	4740	14.5	1.23	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	4410	10.4	1.24	0.938
2,3,3',4,5,5'-HxCB	159			333	12.8	1.29	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			117	10.7	1.30	0.887
2,3,3',4',5,5'-HxCB	162			160	13.6	1.29	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164			2840	11.5	1.29	0.921
2,3,3',5,5',6-HxCB	165		J	27.6	12.2	1.41	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			1980	10.8	1.27	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	10200	4.75	1.05	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	3470	4.01	1.04	1.163
2,2',3,3',4,5,5'-HpCB	172			1870	4.56	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	7230	3.71	1.03	1.134
2,2',3,3',4,5',6-HpCB	175			406	3.35	1.08	1.102
2,2',3,3',4,6,6'-HpCB	176		B	1100	2.36	1.10	1.034
2,2',3,3',4',5,6-HpCB	177		B	7060	3.07	1.06	1.146
2,2',3,3',5,5',6-HpCB	178		B	3010	3.23	1.03	1.085
2,2',3,3',5,6,6'-HpCB	179		B	4590	2.27	1.06	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	28600	3.43	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			90.7	3.74	1.11	1.157
2,2',3,4,4',5,6'-HpCB	182			113	3.46	1.02	1.117
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	9090	3.60	1.06	1.127
2,2',3,4,4',6,6'-HpCB	184		J	5.19	2.18	1.13	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		2.51		
2,2',3,4',5,5',6-HpCB	187		B	22400	3.34	1.06	1.110
2,2',3,4',5,6,6'-HpCB	188		J	27.5	2.32	1.20	1.001
2,3,3',4,4',5,5'-HpCB	189			372	8.24	0.95	1.001
2,3,3',4,4',5,6-HpCB	190		B	2830	3.57	1.08	0.947
2,3,3',4,4',5',6-HpCB	191		B	587	3.49	1.04	0.918
2,3,3',4,5,5',6-HpCB	192		U		3.76		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	2910	3.69	0.92	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	1120	4.35	0.85	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B	1720	2.84	0.87	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	518	1.85	0.88	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	3490	2.74	0.94	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			583	1.80	0.87	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B	1220	1.82	0.84	1.000
2,2',3,4,4',5,5',6-OcCB	203		B	2730	2.64	0.93	0.920
2,2',3,4,4',5,6,6'-OcCB	204		U		1.87		
2,3,3',4,4',5,5',6-OcCB	205			156	2.80	0.92	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			615	1.55	0.84	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			74.6	1.41	0.68	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	187	1.46	0.88	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	107	1.23	0.74	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T1-M-ES-WB-COMP5
Sample Collection:
04-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-5
Matrix:	TISSUE	**Sample Size:**	2.29 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	29-Mar-2008 **Time:** 03:35:41	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_137C S: 5**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_137C S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		U		4.42		
3-MoCB	2		U		6.85		
4-MoCB	3		U		9.04		
2,2'-DiCB	4			83.8	20.7	1.58	1.000
2,3-DiCB	5		U		22.5		
2,3'-DiCB	6			95.8	20.4	1.67	1.175
2,4-DiCB	7		U		21.4		
2,4'-DiCB	8			218	18.8	1.33	1.206
2,5-DiCB	9		U		21.1		
2,6-DiCB	10		U		23.3		
3,3'-DiCB	11		K B J	20.7	20.2	1.21	0.971
3,4-DiCB	12	12 + 13	C U		19.8		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		20.0		
4,4'-DiCB	15		U		35.2		
2,2',3-TriCB	16			407	8.69	1.00	1.165
2,2',4-TriCB	17		B	924	7.18	1.09	1.138
2,2',5-TriCB	18	18 + 30	C B	1840	6.19	1.03	1.113
2,2',6-TriCB	19			155	4.88	1.16	1.001
2,3,3'-TriCB	20	20 + 28	C B	3930	8.10	1.03	0.847
2,3,4-TriCB	21	21 + 33	C B	840	7.72	1.07	0.856
2,3,4'-TriCB	22			739	9.13	1.03	0.871
2,3,5-TriCB	23		U		8.40		
2,3,6-TriCB	24			34.0	5.48	0.89	1.158
2,3',4-TriCB	25			298	7.08	0.94	0.824
2,3',5-TriCB	26	26 + 29	C B	740	8.05	0.98	1.300
2,3',6-TriCB	27			279	5.06	1.11	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	1920	7.80	1.03	0.836
2,4',6-TriCB	32		B	658	7.80	0.92	1.197
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	20.9	8.22	1.13	1.273
3,3',4-TriCB	35		U		9.13		
3,3',5-TriCB	36		U		8.54		
3,4,4'-TriCB	37		B	152	17.1	1.00	1.001
3,4,5-TriCB	38		U		8.58		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		K J	21.3	8.62	1.24	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	1920	2.59	0.83	1.338
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	1710	2.67	0.81	1.312
2,2',3,5-TeCB	43			336	2.94	0.86	1.247
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	6240	2.30	0.80	1.286
2,2',3,6-TeCB	45	45 + 51	C B	931	2.50	0.78	1.147
2,2',3,6'-TeCB	46			159	2.79	0.83	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			802	2.54	0.83	1.273
2,2',4,5'-TeCB	49	49 + 69	C B	7030	2.16	0.80	1.259
2,2',4,6-TeCB	50	50 + 53	C	1010	2.44	0.83	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	12500	2.33	0.80	1.235
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	18.1	1.41	0.81	1.001
2,3,3',4-TeCB	55			565	18.7	0.76	0.889
2,3,3',4'-TeCB	56		B	845	19.2	0.75	0.904
2,3,3',5-TeCB	57		J	29.7	18.1	0.81	0.842
2,3,3',5'-TeCB	58		J	27.0	18.3	0.85	0.850
2,3,3',6-TeCB	59	59 + 62 + 75	C B	840	1.92	0.78	1.302
2,3,4,4'-TeCB	60			1610	19.6	0.72	0.910
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	10000	16.9	0.72	0.874
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			316	17.0	0.78	0.863
2,3,4',6-TeCB	64		B	2680	1.89	0.81	1.349
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	8150	17.5	0.73	0.883
2,3',4,5-TeCB	67			101	15.5	0.80	0.855
2,3',4,5'-TeCB	68			62.8	17.1	0.73	0.830
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			136	16.7	0.85	0.821
2,3',5',6-TeCB	73			224	1.92	0.79	1.240
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	181	26.7	0.77	1.000
3,3',4,5-TeCB	78		J	26.0	22.5	0.78	0.987
3,3',4,5'-TeCB	79			125	16.8	0.77	0.968
3,3',5,5'-TeCB	80		U		17.2		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B	1330	9.93	1.77	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	19700	8.52	1.59	0.885
2,2',3,3',6-PeCB	84		B	2130	8.67	1.61	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	4650	7.39	1.62	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	13100	7.28	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	2830	7.45	1.67	1.155
2,2',3,4,6'-PeCB	89			89.9	8.45	1.42	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	38600	7.05	1.58	0.868
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	5690	8.35	1.61	0.852
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	12100	7.01	1.62	1.122
2,2',3,5,6'-PeCB	94			60.0	7.82	1.50	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			62.2	1.92	1.63	1.017
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			340	6.40	1.57	1.094
2,2',4,6,6'-PeCB	104		K J	5.03	2.92	0.90	1.002
2,3,3',4,4'-PeCB	105		B	9610	45.7	1.55	1.000
2,3,3',4,5-PeCB	106		U		46.0		
2,3,3',4',5-PeCB	107	107 + 124	C	502	51.1	1.41	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B	2300	47.7	1.50	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	24400	6.51	1.60	0.925
2,3,3',5,5'-PeCB	111		J	26.6	6.64	1.51	0.944
2,3,3',5,6-PeCB	112		U		6.39		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	727	45.2	1.58	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	31100	40.1	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			156	6.69	1.39	0.958
2,3',4,5',6-PeCB	121		J	13.0	6.15	1.46	1.200
2',3,3',4,5-PeCB	122			380	59.1	1.46	1.010
2',3,4,4',5-PeCB	123			480	53.5	1.46	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		X				
3,3',4,5,5'-PeCB	127			78.8	60.1	1.62	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	7690	29.6	1.28	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	86300	27.2	1.28	0.928
2,2',3,3',4,5'-HxCB	130			3520	35.9	1.29	0.913
2,2',3,3',4,6-HxCB	131			305	28.7	1.08	1.161
2,2',3,3',4,6'-HxCB	132		B	9970	31.5	1.26	1.176
2,2',3,3',5,5'-HxCB	133			1030	30.4	1.26	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	1550	29.0	1.33	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	14900	1.60	1.27	1.104
2,2',3,3',6,6'-HxCB	136		B	2830	1.11	1.26	1.025
2,2',3,4,4',5-HxCB	137			2360	32.7	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	928	26.1	1.09	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	10300	30.3	1.27	0.903
2,2',3,4,5,6-HxCB	142		U		30.1		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	2280	1.71	1.29	1.123
2,2',3,4,6,6'-HxCB	145		J	8.38	1.20	1.10	1.035
2,2',3,4',5,5'-HxCB	146		B	11900	25.8	1.24	0.883
2,2',3,4',5,6-HxCB	147	147 + 149	C B	34100	26.1	1.26	1.134
2,2',3,4',5,6'-HxCB	148			107	1.63	1.40	1.085
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			67.4	1.11	1.12	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	19.8	1.01	1.37	1.008
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	112000	23.2	1.27	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	12.4	1.49	1.42	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	5000	30.9	1.24	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	5890	21.5	1.23	0.938
2,3,3',4,5,5'-HxCB	159			520	26.6	1.21	0.981
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			135	22.3	1.39	0.887
2,3,3',4',5,5'-HxCB	162			162	28.4	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			2830	23.9	1.29	0.921
2,3,3',5,5',6-HxCB	165		J	32.1	25.4	1.13	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			2010	21.2	1.22	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	17500	9.56	1.07	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	5540	8.08	1.05	1.164
2,2',3,3',4,5,5'-HpCB	172			3430	9.19	1.00	0.897
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		B	11200	7.48	1.07	1.134
2,2',3,3',4,5',6-HpCB	175			854	6.74	1.02	1.103
2,2',3,3',4,6,6'-HpCB	176		B	1920	4.75	1.05	1.035
2,2',3,3',4',5,6-HpCB	177		B	10800	6.19	1.02	1.146
2,2',3,3',5,5',6-HpCB	178		B	4030	6.50	1.08	1.086
2,2',3,3',5,6,6'-HpCB	179		B	6250	4.56	1.06	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	49600	6.91	1.03	0.910
2,2',3,4,4',5,6-HpCB	181			129	7.53	0.96	1.157
2,2',3,4,4',5,6'-HpCB	182			295	6.97	0.97	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	18700	7.26	1.02	1.128
2,2',3,4,4',6,6'-HpCB	184		J	15.4	4.39	0.94	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		5.05		
2,2',3,4',5,5',6-HpCB	187		B	36900	6.73	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			48.0	4.32	0.95	1.001
2,3,3',4,4',5,5'-HpCB	189			408	16.1	0.91	1.000
2,3,3',4,4',5,6-HpCB	190		B	4590	7.19	1.09	0.947
2,3,3',4,4',5',6-HpCB	191		B	1070	7.03	1.06	0.917
2,3,3',4,5,5',6-HpCB	192		U		7.58		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	7150	10.0	0.91	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	2530	11.8	0.87	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B	4570	2.88	0.88	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	1090	1.88	0.94	1.047
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	9480	2.78	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			1210	1.83	0.85	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B	1950	1.74	0.90	1.000
2,2',3,4,4',5,5',6-OcCB	203		B	7620	2.68	0.91	0.919
2,2',3,4,4',5,6,6'-OcCB	204		K J	3.39	1.90	13.06	1.039
2,3,3',4,4',5,5',6-OcCB	205			378	8.11	0.88	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			2260	3.50	0.77	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			315	3.20	0.74	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	648	3.37	0.77	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	378	1.94	0.70	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form16681A.xsl; Created: 10-Apr-2008 12:40:04; Application: XMLTransformer-1.8.27;
Report Filename: 1668_PCB1668_PCBTF_L10839-5_Form1A_PB8C_137CS5_SJ842501.html; Workgroup: WG24520; Design ID: 833]

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T2-A-ES-WB-COMP4
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-6
Matrix:	TISSUE	**Sample Size:**	2.08 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	29-Mar-2008 **Time:** 05:44:47	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_137C S: 7**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_137C S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	7.35	2.70	3.39	1.001
3-MoCB	2		U		4.23		
4-MoCB	3		U		5.65		
2,2'-DiCB	4			234	12.5	1.33	1.001
2,3-DiCB	5		U		13.2		
2,3'-DiCB	6			334	12.0	1.49	1.177
2,4-DiCB	7		J	15.2	12.6	1.70	1.157
2,4'-DiCB	8			413	11.0	1.47	1.208
2,5-DiCB	9		J	32.2	12.4	1.52	1.144
2,6-DiCB	10		U		13.7		
3,3'-DiCB	11		B	40.7	11.9	1.36	0.972
3,4-DiCB	12	12 + 13	C U		11.7		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		11.7		
4,4'-DiCB	15		U		20.2		
2,2',3-TriCB	16			655	4.74	1.00	1.167
2,2',4-TriCB	17		B	1930	3.91	1.05	1.138
2,2',5-TriCB	18	18 + 30	C B	4250	3.38	1.06	1.114
2,2',6-TriCB	19			384	2.91	0.98	1.001
2,3,3'-TriCB	20	20 + 28	C B	7540	9.20	1.03	0.846
2,3,4-TriCB	21	21 + 33	C B	1370	8.77	1.00	0.856
2,3,4'-TriCB	22			1260	10.4	1.03	0.871
2,3,5-TriCB	23		K J	9.58	9.55	0.66	1.283
2,3,6-TriCB	24			58.0	2.99	1.05	1.159
2,3',4-TriCB	25			985	8.04	1.00	0.824
2,3',5-TriCB	26	26 + 29	C B	2570	9.14	1.01	1.302
2,3',6-TriCB	27			656	2.76	1.09	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	4490	8.86	1.01	0.835
2,4',6-TriCB	32		B	1040	8.86	0.98	1.197
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34			55.8	9.34	1.01	1.274
3,3',4-TriCB	35		U		10.4		
3,3',5-TriCB	36		U		9.70		
3,4,4'-TriCB	37		B	288	17.1	1.09	1.001
3,4,5-TriCB	38		J	10.9	9.75	0.90	0.966

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		J	24.3	9.79	0.88	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	2820	1.29	0.81	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	2820	1.33	0.80	1.312
2,2',3,5-TeCB	43			539	1.46	0.79	1.246
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	11300	1.15	0.80	1.286
2,2',3,6-TeCB	45	45 + 51	C B	1310	1.24	0.79	1.147
2,2',3,6'-TeCB	46			231	1.39	0.86	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			984	1.26	0.81	1.273
2,2',4,5'-TeCB	49	49 + 69	C B	15100	1.07	0.81	1.258
2,2',4,6-TeCB	50	50 + 53	C	1710	1.21	0.79	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	26000	1.16	0.81	1.234
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54			42.0	1.07	0.89	1.001
2,3,3',4-TeCB	55			946	19.7	0.71	0.889
2,3,3',4'-TeCB	56		B	1610	20.2	0.83	0.904
2,3,3',5-TeCB	57			88.7	19.1	0.71	0.843
2,3,3',5'-TeCB	58		K J	30.5	19.3	0.52	0.850
2,3,3',6-TeCB	59	59 + 62 + 75	C B	1430	0.955	0.83	1.302
2,3,4,4'-TeCB	60			2850	20.6	0.79	0.910
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	21300	17.7	0.74	0.874
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			672	17.9	0.72	0.863
2,3,4',6-TeCB	64		B	5380	0.941	0.80	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	16900	18.4	0.74	0.883
2,3',4,5-TeCB	67			197	16.3	0.80	0.855
2,3',4,5'-TeCB	68			194	18.0	0.69	0.830
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			365	17.6	0.70	0.821
2,3',5',6-TeCB	73			401	0.956	0.86	1.239
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	420	23.0	0.66	1.000
3,3',4,5-TeCB	78			41.8	23.7	0.67	0.988
3,3',4,5'-TeCB	79			552	17.6	0.72	0.969
3,3',5,5'-TeCB	80		U		18.1		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B	3740	17.1	1.58	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	57000	14.7	1.58	0.885
2,2',3,3',6-PeCB	84		B	4320	15.0	1.57	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	13100	12.7	1.59	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	41100	12.6	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	6420	12.9	1.56	1.155
2,2',3,4,6'-PeCB	89			167	14.6	1.41	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C X				
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	14200	14.4	1.59	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	26700	12.1	1.58	1.121
2,2',3,5,6'-PeCB	94			106	13.5	1.49	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			104	1.33	1.58	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			802	11.0	1.55	1.093
2,2',4,6,6'-PeCB	104		K J	10.2	2.49	1.20	1.001
2,3,3',4,4'-PeCB	105		B	21800	50.2	1.54	1.001
2,3,3',4,5-PeCB	106		K	64.5	49.8	1.00	1.003
2,3,3',4',5-PeCB	107	107 + 124	C	1420	55.4	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		B	5660	51.7	1.51	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	86300	11.2	1.58	0.924
2,3,3',5,5'-PeCB	111			93.1	11.5	1.66	0.945
2,3,3',5,6-PeCB	112		U		11.0		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	1270	50.6	1.57	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	68800	36.1	1.55	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			488	11.5	1.60	0.958
2,3',4,5',6-PeCB	121		J	25.4	10.6	1.53	1.200
2',3,3',4,5-PeCB	122			528	64.0	1.51	1.010
2',3,4,4',5-PeCB	123			1200	59.5	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		X				
3,3',4,5,5'-PeCB	127			153	65.1	1.45	1.042
2,2',3,3',4,4'-HxCB	128	128 + 166	C	16100	29.1	1.25	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C X				
2,2',3,3',4,5'-HxCB	130			7410	35.3	1.27	0.913
2,2',3,3',4,6-HxCB	131			772	28.3	1.22	1.160
2,2',3,3',4,6'-HxCB	132		B	26600	31.0	1.26	1.175
2,2',3,3',5,5'-HxCB	133			2260	30.0	1.26	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	4420	28.6	1.23	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	41900	1.29	1.27	1.104
2,2',3,3',6,6'-HxCB	136		B	7630	0.895	1.25	1.025
2,2',3,4,4',5-HxCB	137			4690	32.2	1.27	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	2170	25.7	1.27	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	22800	29.9	1.29	0.903
2,2',3,4,5,6-HxCB	142		U		29.6		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	5440	1.37	1.26	1.122
2,2',3,4,6,6'-HxCB	145		J	28.9	0.965	1.26	1.033
2,2',3,4',5,5'-HxCB	146		B	25000	25.4	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	109000	25.7	1.26	1.134
2,2',3,4',5,6'-HxCB	148			289	1.31	1.29	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			177	0.894	1.32	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			54.8	0.813	1.22	1.008
2,2',4,4',5,5'-HxCB	153	153 + 168	C X				
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		K J	13.0	1.19	1.46	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	11300	30.4	1.22	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	12200	21.2	1.27	0.938
2,3,3',4,5,5'-HxCB	159			986	26.2	1.22	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			312	22.0	1.12	0.887
2,3,3',4',5,5'-HxCB	162			388	28.0	1.18	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164			6510	23.5	1.28	0.921
2,3,3',5,5',6-HxCB	165			68.4	25.0	1.10	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			4910	21.1	1.27	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	32600	6.80	1.04	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	9430	5.75	1.06	1.164
2,2',3,3',4,5,5'-HpCB	172			5660	6.54	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	22800	5.32	1.05	1.134
2,2',3,3',4,5',6-HpCB	175			1210	4.80	1.03	1.103
2,2',3,3',4,6,6'-HpCB	176		B	3460	3.38	1.03	1.034
2,2',3,3',4',5,6-HpCB	177		B	18000	4.40	1.07	1.146
2,2',3,3',5,5',6-HpCB	178		B	6960	4.62	1.04	1.085
2,2',3,3',5,6,6'-HpCB	179		B	11900	3.25	1.05	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	91100	4.92	1.04	0.910
2,2',3,4,4',5,6-HpCB	181			260	5.36	0.92	1.157
2,2',3,4,4',5,6'-HpCB	182			391	4.96	1.06	1.117
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	30200	5.17	1.06	1.127
2,2',3,4,4',6,6'-HpCB	184		J	28.8	3.13	1.02	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		3.59		
2,2',3,4',5,5',6-HpCB	187		B	59900	4.79	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			75.8	3.15	1.19	1.000
2,3,3',4,4',5,5'-HpCB	189			762	20.9	0.99	1.000
2,3,3',4,4',5,6-HpCB	190		B	8430	5.12	1.05	0.947
2,3,3',4,4',5',6-HpCB	191		B	1720	5.01	1.01	0.918
2,3,3',4,5,5',6-HpCB	192		U		5.40		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	10500	18.2	0.90	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	4090	21.5	0.87	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B	7010	2.64	0.89	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	1640	1.72	0.91	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	14000	2.55	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			1680	1.67	0.91	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B	2810	1.64	0.87	1.000
2,2',3,4,4',5,5',6-OcCB	203		B	10100	2.45	0.89	0.920
2,2',3,4,4',5,6,6'-OcCB	204		J	6.24	1.73	0.79	1.038
2,3,3',4,4',5,5',6-OcCB	205			559	14.3	0.92	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			2350	1.71	0.77	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			318	1.53	0.79	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	676	1.56	0.79	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	405	1.29	0.66	1.001

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T2-A-ES-WB-COMP4
Sample Collection:
04-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-6 W
Matrix:	TISSUE	**Sample Size:**	2.08 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	04-Apr-2008 **Time:** 05:34:54	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	100	**Sample Data Filename:**	**PB8C_148 S: 10**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	2.5	**Cal. Ver. Data Filename:**	PB8C_148 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		X				
3-MoCB	2		X				
4-MoCB	3		X				
2,2'-DiCB	4		X				
2,3-DiCB	5		X				
2,3'-DiCB	6		X				
2,4-DiCB	7		X				
2,4'-DiCB	8		X				
2,5-DiCB	9		X				
2,6-DiCB	10		X				
3,3'-DiCB	11		X				
3,4-DiCB	12	12 + 13	C X				
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		X				
4,4'-DiCB	15		X				
2,2',3-TriCB	16		X				
2,2',4-TriCB	17		X				
2,2',5-TriCB	18	18 + 30	C X				
2,2',6-TriCB	19		X				
2,3,3'-TriCB	20	20 + 28	C X				
2,3,4-TriCB	21	21 + 33	C X				
2,3,4'-TriCB	22		X				
2,3,5-TriCB	23		X				
2,3,6-TriCB	24		X				
2,3',4-TriCB	25		X				
2,3',5-TriCB	26	26 + 29	C X				
2,3',6-TriCB	27		X				
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		X				
2,4',6-TriCB	32		X				
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		X				
3,3',4-TriCB	35		X				
3,3',5-TriCB	36		X				
3,4,4'-TriCB	37		X				
3,4,5-TriCB	38		X				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		X				
2,2',3,3'-TeCB	40	40 + 41 + 71	C X				
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		X				
2,2',3,5-TeCB	43		X				
2,2',3,5'-TeCB	44	44 + 47 + 65	C X				
2,2',3,6-TeCB	45	45 + 51	C X				
2,2',3,6'-TeCB	46		X				
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		X				
2,2',4,5'-TeCB	49	49 + 69	C X				
2,2',4,6-TeCB	50	50 + 53	C X				
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		X				
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		X				
2,3,3',4-TeCB	55		X				
2,3,3',4'-TeCB	56		X				
2,3,3',5-TeCB	57		X				
2,3,3',5'-TeCB	58		X				
2,3,3',6-TeCB	59	59 + 62 + 75	C X				
2,3,4,4'-TeCB	60		X				
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C X				
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		X				
2,3,4',6-TeCB	64		X				
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		X				
2,3',4,5-TeCB	67		X				
2,3',4,5'-TeCB	68		X				
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		X				
2,3',5',6-TeCB	73		X				
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		X				
3,3',4,5-TeCB	78		X				
3,3',4,5'-TeCB	79		X				
3,3',5,5'-TeCB	80		X				
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		X				
2,2',3,3',5-PeCB	83	83 + 99	C X				
2,2',3,3',6-PeCB	84		X				
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C X				
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C X				
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C X				
2,2',3,4,6'-PeCB	89		X				
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B D	109000	6.87	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		X				
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C X				
2,2',3,5,6'-PeCB	94		X				
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		X				
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103		X				
2,2',4,6,6'-PeCB	104		X				
2,3,3',4,4'-PeCB	105		X				
2,3,3',4,5-PeCB	106		X				
2,3,3',4',5-PeCB	107	107 + 124	C X				
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		X				
2,3,3',4',6-PeCB	110	110 + 115	C X				
2,3,3',5,5'-PeCB	111		X				
2,3,3',5,6-PeCB	112		X				
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		X				
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		X				
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		X				
2,3',4,5',6-PeCB	121		X				
2',3,3',4,5-PeCB	122		X				
2',3,4,4',5-PeCB	123		X				
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		X				
3,3',4,5,5'-PeCB	127		X				
2,2',3,3',4,4'-HxCB	128	128 + 166	C X				
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	144000	41.4	1.25	0.928
2,2',3,3',4,5'-HxCB	130		X				
2,2',3,3',4,6-HxCB	131		X				
2,2',3,3',4,6'-HxCB	132		X				
2,2',3,3',5,5'-HxCB	133		X				
2,2',3,3',5,6-HxCB	134	134 + 143	C X				
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C X				
2,2',3,3',6,6'-HxCB	136		X				
2,2',3,4,4',5-HxCB	137		X				
2,2',3,4,4',5'-HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6-HxCB	139	139 + 140	C X				
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		X				
2,2',3,4,5,6-HxCB	142		X				
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		X				
2,2',3,4,6,6'-HxCB	145		X				
2,2',3,4',5,5'-HxCB	146		X				
2,2',3,4',5,6-HxCB	147	147 + 149	C X				
2,2',3,4',5,6'-HxCB	148		X				
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		X				
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		X				
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	175000	37.8	1.25	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		X				
2,3,3',4,4',5-HxCB	156	156 + 157	C X				
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		X				
2,3,3',4,5,5'-HxCB	159		X				
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		X				
2,3,3',4',5,5'-HxCB	162		X				
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		X				
2,3,3',5,5',6-HxCB	165		X				
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167		X				
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		X				
2,2',3,3',4,4',6-HpCB	171	171 + 173	C X				
2,2',3,3',4,5,5'-HpCB	172		X				
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		X				
2,2',3,3',4,5',6-HpCB	175		X				
2,2',3,3',4,6,6'-HpCB	176		X				
2,2',3,3',4',5,6-HpCB	177		X				
2,2',3,3',5,5',6-HpCB	178		X				
2,2',3,3',5,6,6'-HpCB	179		X				
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C X				
2,2',3,4,4',5,6-HpCB	181		X				
2,2',3,4,4',5,6'-HpCB	182		X				
2,2',3,4,4',5',6-HpCB	183	183 + 185	C X				
2,2',3,4,4',6,6'-HpCB	184		X				
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		X				
2,2',3,4',5,5',6-HpCB	187		X				
2,2',3,4',5,6,6'-HpCB	188		X				
2,3,3',4,4',5,5'-HpCB	189		X				
2,3,3',4,4',5,6-HpCB	190		X				
2,3,3',4,4',5',6-HpCB	191		X				
2,3,3',4,5,5',6-HpCB	192		X				
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		X				
2,2',3,3',4,4',5,6-OcCB	195		X				
2,2',3,3',4,4',5,6'-OcCB	196		X				
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C X				
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C X				
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		X				
2,2',3,3',5,5',6,6'-OcCB	202		X				
2,2',3,4,4',5,5',6-OcCB	203		X				
2,2',3,4,4',5,6,6'-OcCB	204		X				
2,3,3',4,4',5,5',6-OcCB	205		X				
2,2',3,3',4,4',5,5',6-NoCB	206		X				
2,2',3,3',4,4',5,6,6'-NoCB	207		X				
2,2',3,3',4,5,5',6,6'-NoCB	208		X				
2,2',3,3',4,4',5,5',6,6'-DeCB	209		X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form16681A.xsl; Created: 10-Apr-2008 12:40:04; Application: XMLTransformer-1.8.27;
Report Filename: 1668_PCB1668_PCBTF_L10839-6_Form1A_PB8C_148S10_SJ844425.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T3-M-ES-WB-COMP4
Sample Collection:
05-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-7
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	29-Mar-2008 **Time:** 07:53:49	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_137C S: 9**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_137C S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	10.0	7.86	2.78	1.000
3-MoCB	2		U		10.9		
4-MoCB	3		U		13.1		
2,2'-DiCB	4			369	23.8	1.35	1.001
2,3-DiCB	5		U		22.8		
2,3'-DiCB	6			528	20.6	1.50	1.175
2,4-DiCB	7		K J	27.2	21.6	1.01	1.157
2,4'-DiCB	8			840	19.0	1.45	1.208
2,5-DiCB	9		K J	48.1	21.3	2.07	1.145
2,6-DiCB	10		J	26.2	23.6	1.71	1.013
3,3'-DiCB	11		K B	91.3	20.4	1.25	0.972
3,4-DiCB	12	12 + 13	C U		20.0		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		20.2		
4,4'-DiCB	15		J	42.1	32.3	1.46	1.002
2,2',3-TriCB	16			982	9.97	1.04	1.166
2,2',4-TriCB	17		B	4170	8.23	1.02	1.138
2,2',5-TriCB	18	18 + 30	C B	6600	7.10	1.07	1.114
2,2',6-TriCB	19			553	7.70	0.98	1.001
2,3,3'-TriCB	20	20 + 28	C B	15600	15.9	1.01	0.847
2,3,4-TriCB	21	21 + 33	C B	3590	15.2	0.97	0.855
2,3,4'-TriCB	22			2670	18.0	0.98	0.871
2,3,5-TriCB	23		U		16.5		
2,3,6-TriCB	24		J	66.9	6.28	0.90	1.159
2,3',4-TriCB	25			2460	13.9	1.04	0.824
2,3',5-TriCB	26	26 + 29	C B	6180	15.8	1.02	1.301
2,3',6-TriCB	27			1280	5.81	1.04	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	9520	15.4	1.01	0.835
2,4',6-TriCB	32		B	3040	15.4	1.03	1.197
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34			132	16.2	0.99	1.273
3,3',4-TriCB	35		U		18.0		
3,3',5-TriCB	36		J	23.6	16.8	1.17	0.932
3,4,4'-TriCB	37		B	638	24.9	1.09	1.001
3,4,5-TriCB	38		J	17.1	16.9	0.88	0.967

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39			116	17.0	1.09	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	9390	2.11	0.82	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	5310	2.18	0.80	1.312
2,2',3,5-TeCB	43			906	2.40	0.81	1.246
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	21700	1.88	0.80	1.286
2,2',3,6-TeCB	45	45 + 51	C B	2650	2.04	0.82	1.147
2,2',3,6'-TeCB	46			277	2.28	0.89	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			3360	2.07	0.80	1.273
2,2',4,5'-TeCB	49	49 + 69	C B	33600	1.76	0.80	1.258
2,2',4,6-TeCB	50	50 + 53	C	3010	1.98	0.81	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	52900	1.90	0.80	1.234
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54			84.4	2.20	0.79	1.000
2,3,3',4-TeCB	55			2110	24.3	0.73	0.890
2,3,3',4'-TeCB	56		B	5320	24.9	0.68	0.904
2,3,3',5-TeCB	57			346	23.5	0.67	0.843
2,3,3',5'-TeCB	58			153	23.7	0.65	0.850
2,3,3',6-TeCB	59	59 + 62 + 75	C B	2740	1.56	0.80	1.302
2,3,4,4'-TeCB	60			5930	25.4	0.70	0.910
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	52300	21.9	0.76	0.874
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			1500	22.1	0.77	0.863
2,3,4',6-TeCB	64		B	10400	1.54	0.80	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	36200	22.7	0.75	0.883
2,3',4,5-TeCB	67			641	20.1	0.73	0.856
2,3',4,5'-TeCB	68			576	22.2	0.72	0.830
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			1070	21.7	0.74	0.822
2,3',5',6-TeCB	73			771	1.56	0.82	1.239
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	1030	26.9	0.74	1.000
3,3',4,5-TeCB	78			83.1	29.2	0.79	0.989
3,3',4,5'-TeCB	79			1080	21.7	0.83	0.969
3,3',5,5'-TeCB	80		U		22.3		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B	7900	17.4	1.63	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	125000	14.9	1.59	0.885
2,2',3,3',6-PeCB	84		B	7260	15.2	1.62	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	24400	12.9	1.59	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	86900	12.7	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	13500	13.0	1.58	1.155
2,2',3,4,6'-PeCB	89			409	14.8	1.48	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C X				
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	29200	14.6	1.60	0.852
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	48900	12.3	1.59	1.121
2,2',3,5,6'-PeCB	94			198	13.7	1.76	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			202	1.64	1.61	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			1510	11.2	1.54	1.093
2,2',4,6,6'-PeCB	104		J	25.9	3.94	1.60	1.001
2,3,3',4,4'-PeCB	105		B	37400	80.5	1.50	1.000
2,3,3',4,5-PeCB	106		U		77.9		
2,3,3',4',5-PeCB	107	107 + 124	C	3710	86.6	1.56	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B	12100	80.8	1.57	0.997
2,3,3',4',6-PeCB	110	110 + 115	C X				
2,3,3',5,5'-PeCB	111			219	11.6	1.46	0.944
2,3,3',5,6-PeCB	112		U		11.2		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	2700	78.7	1.41	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	136000	52.9	1.57	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			1060	11.7	1.52	0.958
2,3',4,5',6-PeCB	121		J	58.9	10.8	1.50	1.200
2',3,3',4,5-PeCB	122			1530	100	1.39	1.010
2',3,4,4',5-PeCB	123			2090	84.9	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		X				
3,3',4,5,5'-PeCB	127			362	102	1.61	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	23900	49.3	1.26	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C X				
2,2',3,3',4,5'-HxCB	130			13000	59.8	1.27	0.913
2,2',3,3',4,6-HxCB	131			1460	47.8	1.19	1.160
2,2',3,3',4,6'-HxCB	132		B	47400	52.4	1.24	1.175
2,2',3,3',5,5'-HxCB	133			4570	50.7	1.25	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	8270	48.4	1.22	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	69900	2.30	1.27	1.104
2,2',3,3',6,6'-HxCB	136		B	14400	1.60	1.28	1.025
2,2',3,4,4',5-HxCB	137			9320	54.5	1.28	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	4120	43.5	1.30	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	39600	50.6	1.26	0.903
2,2',3,4,5,6-HxCB	142		U		50.1		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	9040	2.45	1.26	1.122
2,2',3,4,6,6'-HxCB	145		J	49.4	1.72	1.36	1.034
2,2',3,4',5,5'-HxCB	146		B	43200	43.0	1.27	0.883
2,2',3,4',5,6-HxCB	147	147 + 149	C B	182000	43.5	1.26	1.134
2,2',3,4',5,6'-HxCB	148			536	2.34	1.23	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			294	1.60	1.41	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			116	1.45	1.32	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C X				
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	30.6	2.31	1.11	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	20500	50.2	1.28	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	23200	35.9	1.25	0.938
2,3,3',4,5,5'-HxCB	159			1770	44.3	1.30	0.981
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			475	37.2	1.32	0.886
2,3,3',4',5,5'-HxCB	162			574	47.3	1.13	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164			12300	39.8	1.26	0.921
2,3,3',5,5',6-HxCB	165			183	42.3	1.27	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			8870	35.2	1.24	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	60500	9.16	1.03	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	18000	7.74	1.04	1.163
2,2',3,3',4,5,5'-HpCB	172			10100	8.81	1.04	0.897
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		B	39700	7.16	1.05	1.134
2,2',3,3',4,5',6-HpCB	175			2200	6.46	1.05	1.103
2,2',3,3',4,6,6'-HpCB	176		B	6000	4.55	1.07	1.034
2,2',3,3',4',5,6-HpCB	177		X				
2,2',3,3',5,5',6-HpCB	178		B	12900	6.22	1.05	1.085
2,2',3,3',5,6,6'-HpCB	179		B	20100	4.37	1.06	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C X				
2,2',3,4,4',5,6-HpCB	181			495	7.21	1.03	1.157
2,2',3,4,4',5,6'-HpCB	182			765	6.68	1.05	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	55500	6.95	1.04	1.127
2,2',3,4,4',6,6'-HpCB	184		J	55.0	4.21	1.12	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		J	6.96	4.83	0.89	1.046
2,2',3,4',5,5',6-HpCB	187		B	114000	6.45	1.04	1.110
2,2',3,4',5,6,6'-HpCB	188			139	4.50	1.14	1.000
2,3,3',4,4',5,5'-HpCB	189			1270	28.9	1.03	1.000
2,3,3',4,4',5,6-HpCB	190		B	16500	6.88	1.04	0.947
2,3,3',4,4',5',6-HpCB	191		B	3460	6.74	1.02	0.917
2,3,3',4,5,5',6-HpCB	192		U		7.26		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		X				
2,2',3,3',4,4',5,6-OcCB	195		X				
2,2',3,3',4,4',5,6'-OcCB	196		X				
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C X				
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C X				
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		X				
2,2',3,3',5,5',6,6'-OcCB	202		X				
2,2',3,4,4',5,5',6-OcCB	203		X				
2,2',3,4,4',5,6,6'-OcCB	204		X				
2,3,3',4,4',5,5',6-OcCB	205			1010	10.8	0.85	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			3520	2.81	0.80	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			461	2.46	0.79	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	826	2.48	0.75	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	429	1.96	0.72	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T3-M-ES-WB-COMP4
Sample Collection:
05-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-7 W
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	04-Apr-2008 **Time:** 03:26:05	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	100	**Sample Data Filename:**	**PB8C_148 S: 8**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	2.5	**Cal. Ver. Data Filename:**	PB8C_148 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		X				
3-MoCB	2		X				
4-MoCB	3		X				
2,2'-DiCB	4		X				
2,3-DiCB	5		X				
2,3'-DiCB	6		X				
2,4-DiCB	7		X				
2,4'-DiCB	8		X				
2,5-DiCB	9		X				
2,6-DiCB	10		X				
3,3'-DiCB	11		X				
3,4-DiCB	12	12 + 13	C X				
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		X				
4,4'-DiCB	15		X				
2,2',3-TriCB	16		X				
2,2',4-TriCB	17		X				
2,2',5-TriCB	18	18 + 30	C X				
2,2',6-TriCB	19		X				
2,3,3'-TriCB	20	20 + 28	C X				
2,3,4-TriCB	21	21 + 33	C X				
2,3,4'-TriCB	22		X				
2,3,5-TriCB	23		X				
2,3,6-TriCB	24		X				
2,3',4-TriCB	25		X				
2,3',5-TriCB	26	26 + 29	C X				
2,3',6-TriCB	27		X				
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		X				
2,4',6-TriCB	32		X				
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		X				
3,3',4-TriCB	35		X				
3,3',5-TriCB	36		X				
3,4,4'-TriCB	37		X				
3,4,5-TriCB	38		X				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		X				
2,2',3,3'-TeCB	40	40 + 41 + 71	C X				
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		X				
2,2',3,5-TeCB	43		X				
2,2',3,5'-TeCB	44	44 + 47 + 65	C X				
2,2',3,6-TeCB	45	45 + 51	C X				
2,2',3,6'-TeCB	46		X				
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		X				
2,2',4,5'-TeCB	49	49 + 69	C X				
2,2',4,6-TeCB	50	50 + 53	C X				
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		X				
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		X				
2,3,3',4-TeCB	55		X				
2,3,3',4'-TeCB	56		X				
2,3,3',5-TeCB	57		X				
2,3,3',5'-TeCB	58		X				
2,3,3',6-TeCB	59	59 + 62 + 75	C X				
2,3,4,4'-TeCB	60		X				
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C X				
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		X				
2,3,4',6-TeCB	64		X				
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		X				
2,3',4,5-TeCB	67		X				
2,3',4,5'-TeCB	68		X				
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		X				
2,3',5',6-TeCB	73		X				
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		X				
3,3',4,5-TeCB	78		X				
3,3',4,5'-TeCB	79		X				
3,3',5,5'-TeCB	80		X				
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		X				
2,2',3,3',5-PeCB	83	83 + 99	C X				
2,2',3,3',6-PeCB	84		X				
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C X				
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C X				
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C X				
2,2',3,4,6'-PeCB	89		X				
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B D	203000	44.5	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		X				
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C X				
2,2',3,5,6'-PeCB	94		X				
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		X				
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103		X				
2,2',4,6,6'-PeCB	104		X				
2,3,3',4,4'-PeCB	105		X				
2,3,3',4,5-PeCB	106		X				
2,3,3',4',5-PeCB	107	107 + 124	C X				
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		X				
2,3,3',4',6-PeCB	110	110 + 115	C B D	161000	38.1	1.58	0.925
2,3,3',5,5'-PeCB	111		X				
2,3,3',5,6-PeCB	112		X				
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		X				
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		X				
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		X				
2,3',4,5',6-PeCB	121		X				
2',3,3',4,5-PeCB	122		X				
2',3,4,4',5-PeCB	123		X				
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		X				
3,3',4,5,5'-PeCB	127		X				
2,2',3,3',4,4'-HxCB	128	128 + 166	C X				
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	262000	44.9	1.25	0.929
2,2',3,3',4,5'-HxCB	130		X				
2,2',3,3',4,6-HxCB	131		X				
2,2',3,3',4,6'-HxCB	132		X				
2,2',3,3',5,5'-HxCB	133		X				
2,2',3,3',5,6-HxCB	134	134 + 143	C X				
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C X				
2,2',3,3',6,6'-HxCB	136		X				
2,2',3,4,4',5-HxCB	137		X				
2,2',3,4,4',5'-HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6-HxCB	139	139 + 140	C X				
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		X				
2,2',3,4,5,6-HxCB	142		X				
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		X				
2,2',3,4,6,6'-HxCB	145		X				
2,2',3,4',5,5'-HxCB	146		X				
2,2',3,4',5,6-HxCB	147	147 + 149	C X				
2,2',3,4',5,6'-HxCB	148		X				
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		X				
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		X				
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	305000	41.0	1.26	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		X				
2,3,3',4,4',5-HxCB	156	156 + 157	C X				
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		X				
2,3,3',4,5,5'-HxCB	159		X				
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		X				
2,3,3',4',5,5'-HxCB	162		X				
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		X				
2,3,3',5,5',6-HxCB	165		X				
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167		X				
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		X				
2,2',3,3',4,4',6-HpCB	171	171 + 173	C X				
2,2',3,3',4,5,5'-HpCB	172		X				
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		X				
2,2',3,3',4,5',6-HpCB	175		X				
2,2',3,3',4,6,6'-HpCB	176		X				
2,2',3,3',4',5,6-HpCB	177		B D	32500	15.3	1.06	1.146
2,2',3,3',5,5',6-HpCB	178		X				
2,2',3,3',5,6,6'-HpCB	179		X				
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B D	126000	12.6	1.05	0.910
2,2',3,4,4',5,6-HpCB	181		X				
2,2',3,4,4',5,6'-HpCB	182		X				
2,2',3,4,4',5',6-HpCB	183	183 + 185	C X				
2,2',3,4,4',6,6'-HpCB	184		X				
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		X				
2,2',3,4',5,5',6-HpCB	187		X				
2,2',3,4',5,6,6'-HpCB	188		X				
2,3,3',4,4',5,5'-HpCB	189		X				
2,3,3',4,4',5,6-HpCB	190		X				
2,3,3',4,4',5',6-HpCB	191		X				
2,3,3',4,5,5',6-HpCB	192		X				
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	17400	19.1	0.90	0.991
2,2',3,3',4,4',5,6-OcCB	195		B D	7140	20.8	0.89	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B D	9550	5.52	0.85	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B D	2270	4.15	0.81	1.048
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	17200	5.60	0.85	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		D	2150	4.21	0.88	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B D	4790	5.67	0.92	1.001
2,2',3,4,4',5,5',6-OcCB	203		B D	13200	5.32	0.86	0.920
2,2',3,4,4',5,6,6'-OcCB	204		U D		4.21		
2,3,3',4,4',5,5',6-OcCB	205		X				
2,2',3,3',4,4',5,5',6-NoCB	206		X				
2,2',3,3',4,4',5,6,6'-NoCB	207		X				
2,2',3,3',4,5,5',6,6'-NoCB	208		X				
2,2',3,3',4,4',5,5',6,6'-DeCB	209		X				

(1) Where applicable, custom lab flags have been used on this report; U = not detected; B = analyte found in sample and the associated blank; D = dilution data; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T1-B-SS-WB-COMP1
Sample Collection:
07-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-8
Matrix:	TISSUE	**Sample Size:**	2.14 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	29-Mar-2008 **Time:** 01:26:34	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_137C S: 3**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_137C S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		J	3.98	3.72	3.57	1.001
3-MoCB	2		U		5.37		
4-MoCB	3		U		6.64		
2,2'-DiCB	4		K	38.0	19.7	1.16	1.001
2,3-DiCB	5		U		19.1		
2,3'-DiCB	6		K J	18.6	17.3	0.95	1.175
2,4-DiCB	7		U		18.1		
2,4'-DiCB	8		J	32.7	15.9	1.34	1.206
2,5-DiCB	9		U		17.9		
2,6-DiCB	10		U		19.8		
3,3'-DiCB	11		U		17.1		
3,4-DiCB	12	12 + 13	C U		16.8		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		16.9		
4,4'-DiCB	15			66.7	27.5	1.59	1.001
2,2',3-TriCB	16		K J	23.4	6.71	1.39	1.165
2,2',4-TriCB	17		B	144	5.54	1.16	1.138
2,2',5-TriCB	18	18 + 30	C B	672	4.78	1.09	1.113
2,2',6-TriCB	19			73.8	4.72	1.11	1.001
2,3,3'-TriCB	20	20 + 28	C B	3270	5.09	1.01	0.846
2,3,4-TriCB	21	21 + 33	C B	209	4.85	1.03	0.854
2,3,4'-TriCB	22			160	5.74	1.16	0.870
2,3,5-TriCB	23		U		5.28		
2,3,6-TriCB	24		J	10.1	4.23	0.99	1.159
2,3',4-TriCB	25			225	4.45	1.04	0.824
2,3',5-TriCB	26	26 + 29	C B	802	5.06	1.03	1.301
2,3',6-TriCB	27			114	3.91	1.02	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	1260	4.90	1.02	0.835
2,4',6-TriCB	32		B	355	4.90	0.96	1.198
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	13.3	5.16	0.89	1.274
3,3',4-TriCB	35		U		5.73		
3,3',5-TriCB	36		J	13.3	5.36	1.16	0.931
3,4,4'-TriCB	37		B	481	8.50	1.03	1.001
3,4,5-TriCB	38		U		5.39		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		J	5.95	5.41	1.15	0.944
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	471	1.47	0.81	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	195	1.52	0.87	1.312
2,2',3,5-TeCB	43			81.0	1.67	0.88	1.248
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	2870	1.31	0.82	1.285
2,2',3,6-TeCB	45	45 + 51	C B	175	1.42	0.75	1.148
2,2',3,6'-TeCB	46			64.0	1.59	0.81	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			188	1.44	0.83	1.273
2,2',4,5'-TeCB	49	49 + 69	C B	4430	1.22	0.80	1.258
2,2',4,6-TeCB	50	50 + 53	C	495	1.38	0.82	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	9780	1.32	0.79	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	7.91	1.39	0.76	1.000
2,3,3',4-TeCB	55			277	12.7	0.75	0.889
2,3,3',4'-TeCB	56		B	283	13.0	0.69	0.904
2,3,3',5-TeCB	57			61.1	12.2	0.70	0.843
2,3,3',5'-TeCB	58		J	35.5	12.4	0.70	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	500	1.09	0.79	1.302
2,3,4,4'-TeCB	60			1070	13.2	0.73	0.910
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	8910	11.4	0.73	0.874
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			408	11.5	0.68	0.863
2,3,4',6-TeCB	64		B	1320	1.07	0.81	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	5550	11.8	0.74	0.884
2,3',4,5-TeCB	67			131	10.5	0.73	0.855
2,3',4,5'-TeCB	68			125	11.6	0.67	0.830
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			169	11.3	0.73	0.821
2,3',5',6-TeCB	73			159	1.09	0.77	1.240
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	588	13.9	0.73	1.000
3,3',4,5-TeCB	78		K J	34.1	15.2	1.19	0.988
3,3',4,5'-TeCB	79			114	11.3	0.70	0.968
3,3',5,5'-TeCB	80		U		11.6		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B	284	7.33	1.46	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	36500	6.29	1.60	0.885
2,2',3,3',6-PeCB	84		B	1150	6.41	1.58	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	2420	5.45	1.54	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	13000	5.38	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	1770	5.50	1.55	1.155
2,2',3,4,6'-PeCB	89		J	20.1	6.24	1.36	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	47600	5.20	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	5590	6.16	1.60	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	9340	5.18	1.59	1.121
2,2',3,5,6'-PeCB	94		J	8.64	5.78	1.51	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		J	36.3	1.58	1.78	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			403	4.72	1.64	1.093
2,2',4,6,6'-PeCB	104		U		2.84		
2,3,3',4,4'-PeCB	105		B	14500	38.6	1.52	1.000
2,3,3',4,5-PeCB	106			77.4	38.8	1.67	1.003
2,3,3',4',5-PeCB	107	107 + 124	C	640	43.1	1.43	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B	3980	40.2	1.55	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	18000	4.81	1.56	0.925
2,3,3',5,5'-PeCB	111		K	40.9	4.91	0.77	0.945
2,3,3',5,6-PeCB	112		U		4.72		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	1110	40.2	1.60	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	45600	30.5	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			385	4.94	1.35	0.958
2,3',4,5',6-PeCB	121		J	21.5	4.54	1.38	1.200
2',3,3',4,5-PeCB	122			335	49.8	1.64	1.011
2',3,4,4',5-PeCB	123			720	42.7	1.58	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		X				
3,3',4,5,5'-PeCB	127			191	50.6	1.54	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	8830	14.4	1.25	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	135000	13.3	1.27	0.929
2,2',3,3',4,5'-HxCB	130			5170	17.5	1.27	0.913
2,2',3,3',4,6-HxCB	131			189	14.0	1.29	1.161
2,2',3,3',4,6'-HxCB	132		B	3730	15.4	1.28	1.175
2,2',3,3',5,5'-HxCB	133			1970	14.9	1.30	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	1490	14.2	1.28	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	20100	1.60	1.27	1.104
2,2',3,3',6,6'-HxCB	136		B	2980	1.11	1.26	1.025
2,2',3,4,4',5-HxCB	137			3940	16.0	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	1090	12.8	1.17	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	7940	14.8	1.27	0.903
2,2',3,4,5,6-HxCB	142		U		14.7		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	2300	1.71	1.25	1.122
2,2',3,4,6,6'-HxCB	145		K J	8.52	1.20	2.13	1.034
2,2',3,4',5,5'-HxCB	146		B	19900	12.6	1.26	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	16400	12.8	1.25	1.134
2,2',3,4',5,6'-HxCB	148			162	1.63	1.17	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			98.7	1.11	1.23	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	11.6	1.01	1.16	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C X				
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		J	25.8	1.31	1.21	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	9750	16.0	1.26	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	9000	10.5	1.26	0.938
2,3,3',4,5,5'-HxCB	159			85.2	13.0	1.10	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			258	10.9	1.35	0.887
2,3,3',4',5,5'-HxCB	162			313	13.9	1.38	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164			1210	11.7	1.28	0.921
2,3,3',5,5',6-HxCB	165			73.7	12.4	1.22	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			4140	9.68	1.24	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	34600	3.60	1.05	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	8820	3.05	1.02	1.163
2,2',3,3',4,5,5'-HpCB	172			4890	3.46	1.05	0.896
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		B	1790	2.82	1.06	1.133
2,2',3,3',4,5',6-HpCB	175			940	2.54	1.06	1.102
2,2',3,3',4,6,6'-HpCB	176		B	798	1.79	1.05	1.034
2,2',3,3',4',5,6-HpCB	177		X				
2,2',3,3',5,5',6-HpCB	178		B	5920	2.45	1.03	1.085
2,2',3,3',5,6,6'-HpCB	179		B	4530	1.72	1.04	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	108000	2.61	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			229	2.84	0.97	1.156
2,2',3,4,4',5,6'-HpCB	182			294	2.63	0.95	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	26300	2.74	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		J	19.4	1.66	1.13	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		1.90		
2,2',3,4',5,5',6-HpCB	187		B	55500	2.54	1.04	1.109
2,2',3,4',5,6,6'-HpCB	188			78.6	1.69	1.09	1.000
2,3,3',4,4',5,5'-HpCB	189			835	16.3	1.04	1.000
2,3,3',4,4',5,6-HpCB	190		B	7790	2.71	1.02	0.947
2,3,3',4,4',5',6-HpCB	191		B	1740	2.65	1.03	0.917
2,3,3',4,5,5',6-HpCB	192		U		2.86		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		X				
2,2',3,3',4,4',5,6-OcCB	195		X				
2,2',3,3',4,4',5,6'-OcCB	196		X				
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C X				
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C X				
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		X				
2,2',3,3',5,5',6,6'-OcCB	202		X				
2,2',3,4,4',5,5',6-OcCB	203		X				
2,2',3,4,4',5,6,6'-OcCB	204		X				
2,3,3',4,4',5,5',6-OcCB	205			636	6.97	0.93	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			2360	3.09	0.74	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			321	2.80	0.84	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	400	2.91	0.80	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	213	2.24	0.70	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T1-B-SS-WB-COMP1
Sample Collection:
07-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-8 W
Matrix:	TISSUE	**Sample Size:**	2.14 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	04-Apr-2008 **Time:** 04:30:29	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	100	**Sample Data Filename:**	**PB8C_148 S: 9**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	2.5	**Cal. Ver. Data Filename:**	PB8C_148 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		X				
3-MoCB	2		X				
4-MoCB	3		X				
2,2'-DiCB	4		X				
2,3-DiCB	5		X				
2,3'-DiCB	6		X				
2,4-DiCB	7		X				
2,4'-DiCB	8		X				
2,5-DiCB	9		X				
2,6-DiCB	10		X				
3,3'-DiCB	11		X				
3,4-DiCB	12	12 + 13	C X				
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		X				
4,4'-DiCB	15		X				
2,2',3-TriCB	16		X				
2,2',4-TriCB	17		X				
2,2',5-TriCB	18	18 + 30	C X				
2,2',6-TriCB	19		X				
2,3,3'-TriCB	20	20 + 28	C X				
2,3,4-TriCB	21	21 + 33	C X				
2,3,4'-TriCB	22		X				
2,3,5-TriCB	23		X				
2,3,6-TriCB	24		X				
2,3',4-TriCB	25		X				
2,3',5-TriCB	26	26 + 29	C X				
2,3',6-TriCB	27		X				
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		X				
2,4',6-TriCB	32		X				
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		X				
3,3',4-TriCB	35		X				
3,3',5-TriCB	36		X				
3,4,4'-TriCB	37		X				
3,4,5-TriCB	38		X				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		X				
2,2',3,3'-TeCB	40	40 + 41 + 71	C X				
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		X				
2,2',3,5-TeCB	43		X				
2,2',3,5'-TeCB	44	44 + 47 + 65	C X				
2,2',3,6-TeCB	45	45 + 51	C X				
2,2',3,6'-TeCB	46		X				
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		X				
2,2',4,5'-TeCB	49	49 + 69	C X				
2,2',4,6-TeCB	50	50 + 53	C X				
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		X				
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		X				
2,3,3',4-TeCB	55		X				
2,3,3',4'-TeCB	56		X				
2,3,3',5-TeCB	57		X				
2,3,3',5'-TeCB	58		X				
2,3,3',6-TeCB	59	59 + 62 + 75	C X				
2,3,4,4'-TeCB	60		X				
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C X				
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		X				
2,3,4',6-TeCB	64		X				
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		X				
2,3',4,5-TeCB	67		X				
2,3',4,5'-TeCB	68		X				
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		X				
2,3',5',6-TeCB	73		X				
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		X				
3,3',4,5-TeCB	78		X				
3,3',4,5'-TeCB	79		X				
3,3',5,5'-TeCB	80		X				
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		X				
2,2',3,3',5-PeCB	83	83 + 99	C X				
2,2',3,3',6-PeCB	84		X				
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C X				
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C X				
2,2',3,4,5'-PeCB	87	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3,4,6-PeCB	88	88 + 91	C X				
2,2',3,4,6'-PeCB	89		X				
2,2',3,4',5-PeCB	90	90 + 101 + 113	C X				
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		X				
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C X				
2,2',3,5,6'-PeCB	94		X				
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		X				
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103		X				
2,2',4,6,6'-PeCB	104		X				
2,3,3',4,4'-PeCB	105		X				
2,3,3',4,5-PeCB	106		X				
2,3,3',4',5-PeCB	107	107 + 124	C X				
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		X				
2,3,3',4',6-PeCB	110	110 + 115	C X				
2,3,3',5,5'-PeCB	111		X				
2,3,3',5,6-PeCB	112		X				
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		X				
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		X				
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		X				
2,3',4,5',6-PeCB	121		X				
2',3,3',4,5-PeCB	122		X				
2',3,4,4',5-PeCB	123		X				
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		X				
3,3',4,5,5'-PeCB	127		X				
2,2',3,3',4,4'-HxCB	128	128 + 166	C X				
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C X				
2,2',3,3',4,5'-HxCB	130		X				
2,2',3,3',4,6-HxCB	131		X				
2,2',3,3',4,6'-HxCB	132		X				
2,2',3,3',5,5'-HxCB	133		X				
2,2',3,3',5,6-HxCB	134	134 + 143	C X				
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C X				
2,2',3,3',6,6'-HxCB	136		X				
2,2',3,4,4',5-HxCB	137		X				
2,2',3,4,4',5'-HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6-HxCB	139	139 + 140	C X				
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		X				
2,2',3,4,5,6-HxCB	142		X				
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		X				
2,2',3,4,6,6'-HxCB	145		X				
2,2',3,4',5,5'-HxCB	146		X				
2,2',3,4',5,6-HxCB	147	147 + 149	C X				
2,2',3,4',5,6'-HxCB	148		X				
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		X				
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		X				
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	145000	18.6	1.26	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		X				
2,3,3',4,4',5-HxCB	156	156 + 157	C X				
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		X				
2,3,3',4,5,5'-HxCB	159		X				
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		X				
2,3,3',4',5,5'-HxCB	162		X				
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		X				
2,3,3',5,5',6-HxCB	165		X				
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167		X				
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		X				
2,2',3,3',4,4',6-HpCB	171	171 + 173	C X				
2,2',3,3',4,5,5'-HpCB	172		X				
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		X				
2,2',3,3',4,5',6-HpCB	175		X				
2,2',3,3',4,6,6'-HpCB	176		X				
2,2',3,3',4',5,6-HpCB	177		B D	14100	4.37	1.05	1.146
2,2',3,3',5,5',6-HpCB	178		X				
2,2',3,3',5,6,6'-HpCB	179		X				
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C X				
2,2',3,4,4',5,6-HpCB	181		X				
2,2',3,4,4',5,6'-HpCB	182		X				
2,2',3,4,4',5',6-HpCB	183	183 + 185	C X				
2,2',3,4,4',6,6'-HpCB	184		X				
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		X				
2,2',3,4',5,5',6-HpCB	187		X				
2,2',3,4',5,6,6'-HpCB	188		X				
2,3,3',4,4',5,5'-HpCB	189		X				
2,3,3',4,4',5,6-HpCB	190		X				
2,3,3',4,4',5',6-HpCB	191		X				
2,3,3',4,5,5',6-HpCB	192		X				
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	11200	13.6	0.87	0.991
2,2',3,3',4,4',5,6-OcCB	195		B D	4460	14.8	0.94	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B D	5290	4.48	0.83	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B D	642	3.37	1.07	1.045
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	7560	4.54	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		D	1420	3.42	0.89	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B D	3040	4.27	0.88	1.000
2,2',3,4,4',5,5',6-OcCB	203		B D	8410	4.31	0.88	0.920
2,2',3,4,4',5,6,6'-OcCB	204		D J	5.50	3.42	0.77	1.038
2,3,3',4,4',5,5',6-OcCB	205		X				
2,2',3,3',4,4',5,5',6-NoCB	206		X				
2,2',3,3',4,4',5,6,6'-NoCB	207		X				
2,2',3,3',4,5,5',6,6'-NoCB	208		X				
2,2',3,3',4,4',5,5',6,6'-DeCB	209		X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form16681A.xsl; Created: 10-Apr-2008 12:40:04; Application: XMLTransformer-1.8.27; Report Filename: 1668_PCB1668_PCBTF_L10839-8_Form1A_PB8C_148S9_SJ844423.html; Workgroup: WG24520; Design ID: 833]

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T2-E-SS-WB-COMP1
Sample Collection:
04-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-9
Matrix:	TISSUE	**Sample Size:**	2.00 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	29-Mar-2008 **Time:** 04:40:14	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_137C S: 6**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_137C S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		U		5.54		
3-MoCB	2		U		7.76		
4-MoCB	3		U		9.33		
2,2'-DiCB	4			55.8	22.4	1.78	1.001
2,3-DiCB	5		U		23.6		
2,3'-DiCB	6		J	35.7	21.4	1.41	1.177
2,4-DiCB	7		U		22.4		
2,4'-DiCB	8			41.2	19.7	1.38	1.208
2,5-DiCB	9		U		22.1		
2,6-DiCB	10		U		24.4		
3,3'-DiCB	11		U		21.1		
3,4-DiCB	12	12 + 13	C U		20.8		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		20.9		
4,4'-DiCB	15			130	35.6	1.45	1.001
2,2',3-TriCB	16		K J	34.8	7.92	0.83	1.164
2,2',4-TriCB	17		B	233	6.54	0.90	1.138
2,2',5-TriCB	18	18 + 30	C B	1120	5.64	1.03	1.113
2,2',6-TriCB	19			122	4.91	1.12	1.000
2,3,3'-TriCB	20	20 + 28	C B	2860	6.99	1.02	0.847
2,3,4-TriCB	21	21 + 33	C B	261	6.66	1.06	0.855
2,3,4'-TriCB	22			192	7.88	0.93	0.871
2,3,5-TriCB	23		U		7.26		
2,3,6-TriCB	24		K J	15.1	4.99	2.47	1.159
2,3',4-TriCB	25			452	6.11	1.00	0.824
2,3',5-TriCB	26	26 + 29	C B	1410	6.95	1.03	1.300
2,3',6-TriCB	27			225	4.62	1.18	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	1770	6.74	1.02	0.835
2,4',6-TriCB	32		B	482	6.74	1.06	1.197
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	17.6	7.10	1.18	1.272
3,3',4-TriCB	35		U		7.88		
3,3',5-TriCB	36		U		7.37		
3,4,4'-TriCB	37		B	418	13.0	1.01	1.001
3,4,5-TriCB	38		U		7.41		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		U		7.44		
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	674	2.94	0.88	1.338
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	275	3.04	0.85	1.312
2,2',3,5-TeCB	43			119	3.34	0.79	1.247
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	3670	2.62	0.80	1.286
2,2',3,6-TeCB	45	45 + 51	C B	343	2.84	0.74	1.147
2,2',3,6'-TeCB	46			112	3.17	0.75	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			233	2.88	0.88	1.273
2,2',4,5'-TeCB	49	49 + 69	C B	5460	2.45	0.78	1.259
2,2',4,6-TeCB	50	50 + 53	C	915	2.76	0.83	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	12400	2.65	0.80	1.234
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		K J	10.8	1.86	1.16	1.002
2,3,3',4-TeCB	55			297	13.1	0.76	0.889
2,3,3',4'-TeCB	56		B	257	13.4	0.79	0.904
2,3,3',5-TeCB	57		K	48.1	12.7	1.17	0.842
2,3,3',5'-TeCB	58		K J	25.5	12.8	1.14	0.849
2,3,3',6-TeCB	59	59 + 62 + 75	C B	500	2.18	0.79	1.302
2,3,4,4'-TeCB	60			577	13.7	0.74	0.910
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	6990	11.8	0.73	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			259	11.9	0.70	0.863
2,3,4',6-TeCB	64		B	1410	2.15	0.80	1.349
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	4490	12.2	0.73	0.883
2,3',4,5-TeCB	67			109	10.8	0.76	0.855
2,3',4,5'-TeCB	68			86.4	12.0	0.82	0.830
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			161	11.7	0.76	0.822
2,3',5',6-TeCB	73			227	2.18	0.81	1.240
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	431	17.4	0.80	1.000
3,3',4,5-TeCB	78		J	21.4	15.8	0.78	0.988
3,3',4,5'-TeCB	79			102	11.7	0.80	0.969
3,3',5,5'-TeCB	80		U		12.0		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B	370	9.30	1.71	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	18200	7.98	1.60	0.886
2,2',3,3',6-PeCB	84		B	1280	8.12	1.69	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	1560	6.92	1.66	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	9430	6.82	1.55	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	1640	6.98	1.66	1.155
2,2',3,4,6'-PeCB	89		J	26.6	7.92	1.43	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	28900	6.60	1.59	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	4130	7.82	1.62	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	8440	6.57	1.62	1.121
2,2',3,5,6'-PeCB	94		J	13.5	7.33	1.59	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			41.3	1.51	1.51	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			231	5.99	1.72	1.093
2,2',4,6,6'-PeCB	104		K J	3.75	2.80	0.45	1.001
2,3,3',4,4'-PeCB	105		B	10500	43.6	1.56	1.001
2,3,3',4,5-PeCB	106		U		48.4		
2,3,3',4',5-PeCB	107	107 + 124	C	501	53.8	1.64	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B	2860	50.2	1.52	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	15300	6.10	1.56	0.925
2,3,3',5,5'-PeCB	111		K J	25.6	6.22	2.03	0.944
2,3,3',5,6-PeCB	112		U		5.99		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	810	46.8	1.58	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	35400	41.0	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			183	6.26	1.53	0.958
2,3',4,5',6-PeCB	121		K J	7.88	5.76	5.15	1.201
2',3,3',4,5-PeCB	122			435	62.2	1.51	1.010
2',3,4,4',5-PeCB	123			590	57.4	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		X				
3,3',4,5,5'-PeCB	127			118	63.2	1.71	1.042
2,2',3,3',4,4'-HxCB	128	128 + 166	C	8310	23.9	1.26	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	89300	22.0	1.26	0.928
2,2',3,3',4,5'-HxCB	130			4220	29.0	1.21	0.913
2,2',3,3',4,6-HxCB	131			155	23.2	1.23	1.161
2,2',3,3',4,6'-HxCB	132		B	4000	25.5	1.21	1.176
2,2',3,3',5,5'-HxCB	133			1190	24.6	1.28	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	1150	23.5	1.24	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	8970	3.60	1.22	1.104
2,2',3,3',6,6'-HxCB	136		B	1860	2.50	1.27	1.025
2,2',3,4,4',5-HxCB	137			3780	26.5	1.26	0.919
2,2',3,4,4',5'-HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6-HxCB	139	139 + 140	C	672	21.1	1.18	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	6970	24.5	1.27	0.903
2,2',3,4,5,6-HxCB	142		U		24.3		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	1310	3.84	1.26	1.122
2,2',3,4,6,6'-HxCB	145		J	4.30	2.70	1.12	1.034
2,2',3,4',5,5'-HxCB	146		B	11700	20.9	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	11300	21.1	1.25	1.134
2,2',3,4',5,6'-HxCB	148			55.9	3.67	1.38	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		K J	32.3	2.50	1.44	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	7.53	2.28	1.15	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	94000	18.8	1.27	0.899
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		K J	6.71	5.67	2.24	1.000
2,3,3',4,4',5-HxCB	156	156 + 157	C B	6820	22.2	1.24	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	6680	17.4	1.22	0.938
2,3,3',4,5,5'-HxCB	159			107	21.5	1.13	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			168	18.1	1.13	0.887
2,3,3',4',5,5'-HxCB	162			301	23.0	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			1190	19.3	1.20	0.922
2,3,3',5,5',6-HxCB	165		J	38.9	20.5	1.20	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			2960	16.9	1.23	1.001
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	23600	8.57	1.05	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	5440	7.25	1.04	1.164
2,2',3,3',4,5,5'-HpCB	172			3530	8.24	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	2450	6.71	1.02	1.134
2,2',3,3',4,5',6-HpCB	175			604	6.05	1.00	1.103
2,2',3,3',4,6,6'-HpCB	176		B	729	4.26	1.12	1.034
2,2',3,3',4',5,6-HpCB	177		B	8330	5.55	1.01	1.146
2,2',3,3',5,5',6-HpCB	178		B	3160	5.83	1.05	1.085
2,2',3,3',5,6,6'-HpCB	179		B	3210	4.09	1.05	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	60800	6.20	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			173	6.75	0.90	1.157
2,2',3,4,4',5,6'-HpCB	182			177	6.25	0.99	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	15200	6.51	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		J	8.31	3.94	1.20	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		4.53		
2,2',3,4',5,5',6-HpCB	187		B	27500	6.03	1.04	1.110
2,2',3,4',5,6,6'-HpCB	188			43.3	5.04	1.00	1.000
2,3,3',4,4',5,5'-HpCB	189			500	14.0	0.96	1.000
2,3,3',4,4',5,6-HpCB	190		B	5070	6.44	1.08	0.947
2,3,3',4,4',5',6-HpCB	191		B	1220	6.31	1.03	0.917
2,3,3',4,5,5',6-HpCB	192		U		6.80		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	7380	10.4	0.91	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	2690	12.2	0.93	0.945
2,2',3,3',4,4',5,6'-OcCB	196		B	3630	6.17	0.92	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	377	4.02	0.85	1.045
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	4780	5.96	0.86	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			665	3.91	0.83	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B	1450	4.51	0.90	1.000
2,2',3,4,4',5,5',6-OcCB	203		B	5470	5.73	0.89	0.920
2,2',3,4,4',5,6,6'-OcCB	204		U		4.06		
2,3,3',4,4',5,5',6-OcCB	205			309	7.04	0.96	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			1120	3.82	0.74	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			136	3.85	0.77	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	208	4.49	0.68	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	126	3.05	0.76	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
LDW-07-T3-F-SS-WB-COMP1
Sample Collection:
05-Sep-2007

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L10839-10
Matrix:	TISSUE	**Sample Size:**	2.07 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	29-Mar-2008 **Time:** 06:49:19	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_137C S: 8**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_137C S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		U		9.88		
3-MoCB	2		U		14.9		
4-MoCB	3		U		19.0		
2,2'-DiCB	4			87.5	37.8	1.35	1.001
2,3-DiCB	5		U		40.8		
2,3'-DiCB	6		J	62.7	36.9	1.51	1.177
2,4-DiCB	7		U		38.7		
2,4'-DiCB	8		J	50.6	34.0	1.70	1.208
2,5-DiCB	9		U		38.2		
2,6-DiCB	10		U		42.2		
3,3'-DiCB	11		U		36.5		
3,4-DiCB	12	12 + 13	C U		35.9		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		36.2		
4,4'-DiCB	15			120	62.6	1.62	1.000
2,2',3-TriCB	16		J	22.2	11.4	1.16	1.167
2,2',4-TriCB	17		K B	211	9.43	0.80	1.138
2,2',5-TriCB	18	18 + 30	C B	1070	8.14	1.05	1.114
2,2',6-TriCB	19			165	8.71	0.91	1.001
2,3,3'-TriCB	20	20 + 28	C B	2980	9.15	1.01	0.846
2,3,4-TriCB	21	21 + 33	C B	322	8.72	0.96	0.854
2,3,4'-TriCB	22			187	10.3	1.06	0.871
2,3,5-TriCB	23		U		9.50		
2,3,6-TriCB	24		J	19.1	7.20	1.16	1.160
2,3',4-TriCB	25			647	8.00	1.00	0.824
2,3',5-TriCB	26	26 + 29	C B	2020	9.10	1.02	1.303
2,3',6-TriCB	27			240	6.65	1.10	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	1800	8.82	1.01	0.835
2,4',6-TriCB	32		B	465	8.82	1.03	1.198
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	16.6	9.29	1.07	1.273
3,3',4-TriCB	35		U		10.3		
3,3',5-TriCB	36		U		9.65		
3,4,4'-TriCB	37		B	499	14.4	1.00	1.001
3,4,5-TriCB	38		U		9.70		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		U		9.74		
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	1300	6.60	0.78	1.338
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	432	6.82	0.85	1.312
2,2',3,5-TeCB	43			268	7.50	0.80	1.247
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	6950	5.88	0.79	1.286
2,2',3,6-TeCB	45	45 + 51	C B	402	6.38	0.84	1.148
2,2',3,6'-TeCB	46			135	7.13	0.84	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			363	6.48	0.80	1.274
2,2',4,5'-TeCB	49	49 + 69	C B	12100	5.50	0.79	1.258
2,2',4,6-TeCB	50	50 + 53	C	1280	6.21	0.79	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	24600	5.95	0.81	1.234
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		J	18.4	5.11	0.74	1.001
2,3,3',4-TeCB	55			648	38.5	0.70	0.889
2,3,3',4'-TeCB	56		B	430	39.5	0.86	0.904
2,3,3',5-TeCB	57			134	37.2	0.72	0.843
2,3,3',5'-TeCB	58			78.7	37.6	0.84	0.850
2,3,3',6-TeCB	59	59 + 62 + 75	C B	1150	4.90	0.76	1.302
2,3,4,4'-TeCB	60			1220	40.3	0.81	0.910
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	13800	34.7	0.73	0.874
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			511	35.0	0.76	0.863
2,3,4',6-TeCB	64		B	2870	4.82	0.80	1.349
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	8550	35.9	0.75	0.884
2,3',4,5-TeCB	67			326	31.8	0.86	0.855
2,3',4,5'-TeCB	68			346	35.2	0.76	0.830
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			619	34.4	0.69	0.821
2,3',5',6-TeCB	73			472	4.90	0.78	1.240
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	501	46.2	0.77	1.000
3,3',4,5-TeCB	78		J	47.3	46.3	0.82	0.988
3,3',4,5'-TeCB	79			248	34.4	0.87	0.969
3,3',5,5'-TeCB	80		U		35.3		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B	626	29.9	1.56	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	62300	25.7	1.58	0.885
2,2',3,3',6-PeCB	84		B	3970	26.1	1.56	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	3330	22.2	1.61	0.918
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	24700	21.9	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	5740	22.4	1.57	1.155
2,2',3,4,6'-PeCB	89		J	42.4	25.5	1.54	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	101000	21.2	1.58	0.868
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	16900	25.1	1.57	0.852
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	36000	21.1	1.60	1.121
2,2',3,5,6'-PeCB	94		K J	40.6	23.6	1.16	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			109	5.59	1.46	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			1790	19.3	1.57	1.093
2,2',4,6,6'-PeCB	104		J	10.7	8.09	1.34	1.001
2,3,3',4,4'-PeCB	105		B	17000	52.7	1.52	1.001
2,3,3',4,5-PeCB	106		U		50.4		
2,3,3',4',5-PeCB	107	107 + 124	C	970	56.0	1.52	0.990
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B	5730	52.3	1.59	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	39700	19.6	1.60	0.925
2,3,3',5,5'-PeCB	111			178	20.0	1.54	0.945
2,3,3',5,6-PeCB	112		U		19.3		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	1360	50.5	1.43	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	53900	44.5	1.49	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120			1120	20.1	1.54	0.958
2,3',4,5',6-PeCB	121			109	18.5	1.48	1.200
2',3,3',4,5-PeCB	122			708	64.8	1.40	1.010
2',3,4,4',5-PeCB	123			889	55.8	1.76	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		X				
3,3',4,5,5'-PeCB	127			166	65.8	1.56	1.041
2,2',3,3',4,4'-HxCB	128	128 + 166	C	13300	37.8	1.26	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	235000	34.8	1.26	0.928
2,2',3,3',4,5'-HxCB	130			9380	45.9	1.27	0.913
2,2',3,3',4,6-HxCB	131			374	36.7	1.10	1.161
2,2',3,3',4,6'-HxCB	132		B	12300	40.3	1.25	1.175
2,2',3,3',5,5'-HxCB	133			7290	38.9	1.26	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	3960	37.2	1.28	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	58200	4.32	1.27	1.104
2,2',3,3',6,6'-HxCB	136		B	8870	3.00	1.26	1.025
2,2',3,4,4',5-HxCB	137			4600	41.9	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	2470	33.4	1.18	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	25500	38.8	1.25	0.903
2,2',3,4,5,6-HxCB	142		U		38.5		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	5660	4.60	1.32	1.122
2,2',3,4,6,6'-HxCB	145		J	33.3	3.24	1.27	1.034
2,2',3,4',5,5'-HxCB	146		B	55400	33.0	1.24	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	58100	33.4	1.25	1.134
2,2',3,4',5,6'-HxCB	148			1210	4.39	1.31	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			435	3.00	1.26	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		J	31.6	2.73	1.26	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	361000	29.7	1.26	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155			77.9	3.23	1.37	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	14100	42.0	1.24	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	16000	27.6	1.31	0.938
2,3,3',4,5,5'-HxCB	159			412	34.0	1.17	0.981
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			699	28.6	1.25	0.887
2,3,3',4',5,5'-HxCB	162			435	36.3	1.21	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164			4160	30.6	1.26	0.921
2,3,3',5,5',6-HxCB	165			301	32.5	1.19	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			5860	28.9	1.23	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		B	101000	11.2	1.04	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	24000	9.44	1.03	1.164
2,2',3,3',4,5,5'-HpCB	172			15800	10.7	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	9160	8.73	1.03	1.134
2,2',3,3',4,5',6-HpCB	175			3050	7.88	1.00	1.103
2,2',3,3',4,6,6'-HpCB	176		B	3380	5.55	1.07	1.034
2,2',3,3',4',5,6-HpCB	177		B	53500	7.23	1.03	1.146
2,2',3,3',5,5',6-HpCB	178		B	20800	7.59	1.06	1.085
2,2',3,3',5,6,6'-HpCB	179		B	20500	5.33	1.05	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	350000	8.07	1.05	0.910
2,2',3,4,4',5,6-HpCB	181			337	8.79	1.00	1.156
2,2',3,4,4',5,6'-HpCB	182			1440	8.14	1.03	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	78100	8.48	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184			74.3	5.13	0.94	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		J	6.56	5.89	1.10	1.046
2,2',3,4',5,5',6-HpCB	187		B	185000	7.86	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			319	5.54	0.93	1.001
2,3,3',4,4',5,5'-HpCB	189			1980	53.0	1.02	1.000
2,3,3',4,4',5,6-HpCB	190		B	22800	8.39	1.05	0.947
2,3,3',4,4',5',6-HpCB	191		B	4780	8.21	1.09	0.917
2,3,3',4,5,5',6-HpCB	192		U		8.85		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	43700	46.1	0.89	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	18800	54.4	0.90	0.945
2,2',3,3',4,4',5,6'-OcCB	196		B	25800	5.62	0.87	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	2500	3.66	0.92	1.045
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	38500	5.42	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			5450	3.56	0.88	1.022
2,2',3,3',5,5',6,6'-OcCB	202		B	8780	3.34	0.92	1.000
2,2',3,4,4',5,5',6-OcCB	203		B	37200	5.21	0.88	0.919
2,2',3,4,4',5,6,6'-OcCB	204		U		3.69		
2,3,3',4,4',5,5',6-OcCB	205			2240	38.0	0.97	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			6840	5.48	0.77	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			1070	4.91	0.80	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	909	5.05	0.74	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	164	3.90	0.62	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	4033	**Lab Sample I.D.:**	WG24520-101
Matrix:	CORN OIL	**Sample Size:**	3.00 g
Sample Receipt Date:	N/A	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	28-Mar-2008 **Time:** 11:52:27	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	40	**Sample Data Filename:**	**PB8C_136 S: 5**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_136 S: 1
Concentration Units:	ng/kg		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1		U		2.37		
3-MoCB	2		U		2.45		
4-MoCB	3		K J	3.27	2.76	12.43	1.000
2,2'-DiCB	4		U		4.38		
2,3-DiCB	5		U		3.45		
2,3'-DiCB	6		U		3.14		
2,4-DiCB	7		U		3.36		
2,4'-DiCB	8		U		2.93		
2,5-DiCB	9		U		3.21		
2,6-DiCB	10		U		3.26		
3,3'-DiCB	11		J	5.23	3.24	1.33	0.968
3,4-DiCB	12	12 + 13	C U		3.25		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		3.26		
4,4'-DiCB	15		U		4.17		
2,2',3-TriCB	16		U		1.25		
2,2',4-TriCB	17		K J	1.60	1.09	1.79	1.138
2,2',5-TriCB	18	18 + 30	C J	4.29	0.948	0.99	1.114
2,2',6-TriCB	19		U		1.10		
2,3,3'-TriCB	20	20 + 28	C J	4.35	1.03	1.20	0.847
2,3,4-TriCB	21	21 + 33	C K J	1.81	0.994	0.73	0.856
2,3,4'-TriCB	22		U		1.11		
2,3,5-TriCB	23		U		1.10		
2,3,6-TriCB	24		U		0.841		
2,3',4-TriCB	25		U		0.927		
2,3',5-TriCB	26	26 + 29	C K J	1.48	1.02	1.27	1.302
2,3',6-TriCB	27		U		0.798		
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		J	2.67	0.958	1.19	0.836
2,4',6-TriCB	32		J	1.16	1.08	0.99	1.197
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		U		1.06		
3,3',4-TriCB	35		U		1.19		
3,3',5-TriCB	36		U		1.04		
3,4,4'-TriCB	37		J	2.95	1.28	1.11	1.001
3,4,5-TriCB	38		U		1.05		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		U		1.06		
2,2',3,3'-TeCB	40	40 + 41 + 71	C J	2.98	0.773	0.88	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		K J	1.29	0.793	0.54	1.311
2,2',3,5-TeCB	43		U		0.900		
2,2',3,5'-TeCB	44	44 + 47 + 65	C J	5.81	0.729	0.72	1.285
2,2',3,6-TeCB	45	45 + 51	C K J	1.13	0.845	1.12	1.147
2,2',3,6'-TeCB	46		U		0.953		
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		U		0.798		
2,2',4,5'-TeCB	49	49 + 69	C J	3.86	0.691	0.75	1.259
2,2',4,6-TeCB	50	50 + 53	C U		0.827		
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		J	8.46	0.762	0.81	1.234
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		U		0.500		
2,3,3',4-TeCB	55		U		1.04		
2,3,3',4'-TeCB	56		J	1.38	1.02	0.67	0.905
2,3,3',5-TeCB	57		U		0.943		
2,3,3',5'-TeCB	58		U		1.00		
2,3,3',6-TeCB	59	59 + 62 + 75	C K J	1.30	0.604	0.99	1.304
2,3,4,4'-TeCB	60		U		1.06		
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C K J	6.13	0.919	0.99	0.874
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		U		0.950		
2,3,4',6-TeCB	64		J	1.49	0.566	0.87	1.349
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		J	3.60	0.990	0.67	0.884
2,3',4,5-TeCB	67		U		0.861		
2,3',4,5'-TeCB	68		U		0.920		
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		U		0.892		
2,3',5',6-TeCB	73		U		0.633		
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		K J	1.44	1.30	1.02	1.000
3,3',4,5-TeCB	78		U		1.10		
3,3',4,5'-TeCB	79		U		0.912		
3,3',5,5'-TeCB	80		U		0.911		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		K J	1.39	0.852	2.53	0.934
2,2',3,3',5-PeCB	83	83 + 99	C U		0.774		
2,2',3,3',6-PeCB	84		K J	1.12	0.808	1.23	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C J	1.72	0.650	1.44	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C J	4.48	0.658	1.74	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 K J	1.11	0.735	1.82	1.155
2,2',3,4,6'-PeCB	89		U		0.768		
2,2',3,4',5-PeCB	90	90 + 101 + 113	C K J	7.89	0.669	1.81	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		K J	1.23	0.739	1.00	0.852
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C U		0.718		
2,2',3,5,6'-PeCB	94		U		0.788		
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		U		0.867		
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103		U		0.655		
2,2',4,6,6'-PeCB	104		U		0.695		
2,3,3',4,4'-PeCB	105		J	1.91	0.950	1.32	1.001
2,3,3',4,5-PeCB	106		U		0.797		
2,3,3',4',5-PeCB	107	107 + 124	C U		0.836		
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		K J	0.832	0.790	6.25	0.998
2,3,3',4',6-PeCB	110	110 + 115	C J	8.46	0.570	1.40	0.925
2,3,3',5,5'-PeCB	111		U		0.583		
2,3,3',5,6-PeCB	112		J	0.691	0.563	1.56	0.889
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		K J	1.34	0.869	2.39	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		J	7.88	0.845	1.73	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		U		0.594		
2,3',4,5',6-PeCB	121		U		0.563		
2',3,3',4,5-PeCB	122		U		0.956		
2',3,4,4',5-PeCB	123		U		0.900		
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		X				
3,3',4,5,5'-PeCB	127		U		0.951		
2,2',3,3',4,4'-HxCB	128	128 + 166	C U		1.69		
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C J	15.1	1.70	1.21	0.928
2,2',3,3',4,5'-HxCB	130		U		2.13		
2,2',3,3',4,6-HxCB	131		U		1.77		
2,2',3,3',4,6'-HxCB	132		K J	2.05	1.88	0.86	1.176
2,2',3,3',5,5'-HxCB	133		U		1.75		
2,2',3,3',5,6-HxCB	134	134 + 143	C U		1.73		
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C K J	4.37	0.452	1.74	1.105
2,2',3,3',6,6'-HxCB	136		K J	0.473	0.339	0.82	1.025
2,2',3,4,4',5-HxCB	137		U		2.02		
2,2',3,4,4',5'-HxCB	138	129 + 138 + 160 + 163	C129				
2,2',3,4,4',6-HxCB	139	139 + 140	C U		1.57		
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		J	2.60	1.74	1.25	0.903
2,2',3,4,5,6-HxCB	142		U		1.76		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		K J	0.706	0.471	1.72	1.122
2,2',3,4,6,6'-HxCB	145		U		0.358		
2,2',3,4',5,5'-HxCB	146		J	1.82	1.55	1.42	0.883
2,2',3,4',5,6-HxCB	147	147 + 149	C J	6.76	1.55	1.08	1.134
2,2',3,4',5,6'-HxCB	148		U		0.465		
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		U		0.347		
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		U		0.320		
2,2',4,4',5,5'-HxCB	153	153 + 168	C J	13.0	1.41	1.22	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		U		0.274		
2,3,3',4,4',5-HxCB	156	156 + 157	C K J	3.33	2.09	0.67	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		K J	1.43	1.37	0.85	0.938
2,3,3',4,5,5'-HxCB	159		U		1.51		
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U		1.36		
2,3,3',4',5,5'-HxCB	162		U		1.56		
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		U		1.39		
2,3,3',5,5',6-HxCB	165		U		1.53		
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167		U		1.38		
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		X				
2,2',3,3',4,4',5-HpCB	170		K J	4.86	1.03	1.28	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C U		0.900		
2,2',3,3',4,5,5'-HpCB	172		U		0.982		
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		J	4.52	0.820	1.00	1.134
2,2',3,3',4,5',6-HpCB	175		U		0.805		
2,2',3,3',4,6,6'-HpCB	176		K J	0.831	0.563	0.33	1.036
2,2',3,3',4',5,6-HpCB	177		J	3.37	0.807	1.08	1.146
2,2',3,3',5,5',6-HpCB	178		K J	1.69	0.782	1.56	1.086
2,2',3,3',5,6,6'-HpCB	179		J	2.28	0.545	1.18	1.011
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C K J	12.0	0.739	0.86	0.910
2,2',3,4,4',5,6-HpCB	181		U		0.851		
2,2',3,4,4',5,6'-HpCB	182		U		0.777		
2,2',3,4,4',5',6-HpCB	183	183 + 185	C J	3.87	0.822	1.21	1.128
2,2',3,4,4',6,6'-HpCB	184		U		0.539		
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U		0.611		
2,2',3,4',5,5',6-HpCB	187		J	7.77	0.678	1.15	1.111
2,2',3,4',5,6,6'-HpCB	188		U		0.497		
2,3,3',4,4',5,5'-HpCB	189		U		0.754		
2,3,3',4,4',5,6-HpCB	190		K J	1.36	0.780	0.63	0.947
2,3,3',4,4',5',6-HpCB	191		K J	0.963	0.721	0.21	0.918
2,3,3',4,5,5',6-HpCB	192		U		0.802		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		K J	2.84	1.02	0.72	0.991
2,2',3,3',4,4',5,6-OcCB	195		K J	1.15	1.05	0.52	0.946
2,2',3,3',4,4',5,6'-OcCB	196		K J	1.53	0.830	0.61	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C K J	0.758	0.566	1.44	1.047
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C J	5.94	0.835	0.83	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		U		0.557		
2,2',3,3',5,5',6,6'-OcCB	202		K J	1.45	0.560	1.60	1.000
2,2',3,4,4',5,5',6-OcCB	203		K J	4.63	0.793	1.13	0.920
2,2',3,4,4',5,6,6'-OcCB	204		U		0.573		
2,3,3',4,4',5,5',6-OcCB	205		U		0.867		
2,2',3,3',4,4',5,5',6-NoCB	206		U		1.41		
2,2',3,3',4,4',5,6,6'-NoCB	207		U		1.19		
2,2',3,3',4,5,5',6,6'-NoCB	208		K J	2.05	1.22	1.12	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		K J	1.60	0.783	0.23	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-07-T2-M-SC-EM-COMP1 (Duplicate)
Sample Collection: 04-Sep-2007

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	WG24520-103 (DUP L10839-3)
Matrix:	TISSUE	**Sample Size:**	5.04 g (wet)
Sample Receipt Date:	23-Jan-2008	**Initial Calibration Date:**	26-Feb-2008
Extraction Date:	14-Feb-2008	**Instrument ID:**	HR GC/MS
Analysis Date:	28-Mar-2008 **Time:** 15:06:23	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	20	**Sample Data Filename:**	**PB8C_136 S: 8**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB8C_136 S: 5
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	PB8C_136 S: 1
Concentration Units:	ng/kg (wet weight basis)		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2-MoCB	1			0.818	0.240	3.27	1.001
3-MoCB	2		U		0.283		
4-MoCB	3		B	1.11	0.353	3.53	1.000
2,2'-DiCB	4			4.09	0.424	1.51	1.001
2,3-DiCB	5		U		0.319		
2,3'-DiCB	6			1.43	0.289	1.54	1.176
2,4-DiCB	7		K	1.14	0.310	1.21	1.157
2,4'-DiCB	8			2.78	0.271	1.35	1.206
2,5-DiCB	9		J	0.380	0.296	1.68	1.146
2,6-DiCB	10		U		0.300		
3,3'-DiCB	11		B	3.42	0.299	1.51	0.969
3,4-DiCB	12	12 + 13	C J	0.525	0.300	1.63	0.984
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U		0.301		
4,4'-DiCB	15			131	0.375	1.44	1.001
2,2',3-TriCB	16			7.37	0.0992	1.11	1.165
2,2',4-TriCB	17		B	23.5	0.0992	1.03	1.138
2,2',5-TriCB	18	18 + 30	C B	193	0.0992	1.04	1.113
2,2',6-TriCB	19			2.71	0.116	1.10	1.001
2,3,3'-TriCB	20	20 + 28	C B	1280	0.168	1.00	0.847
2,3,4-TriCB	21	21 + 33	C B	54.2	0.162	0.97	0.856
2,3,4'-TriCB	22			155	0.180	0.97	0.871
2,3,5-TriCB	23		U		0.179		
2,3,6-TriCB	24		J	0.180	0.0992	1.19	1.158
2,3',4-TriCB	25			28.9	0.151	0.98	0.824
2,3',5-TriCB	26	26 + 29	C B	178	0.166	1.00	1.301
2,3',6-TriCB	27			2.19	0.0992	1.03	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	543	0.156	1.00	0.836
2,4',6-TriCB	32		B	16.9	0.177	1.01	1.198
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		J	0.793	0.173	1.17	1.274
3,3',4-TriCB	35		U		0.194		
3,3',5-TriCB	36		J	0.616	0.170	0.98	0.932
3,4,4'-TriCB	37		B	265	0.175	0.99	1.001
3,4,5-TriCB	38		U		0.171		

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39			4.14	0.173	0.90	0.945
2,2',3,3'-TeCB	40	40 + 41 + 71	C B	192	0.0992	0.79	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		B	266	0.0992	0.79	1.312
2,2',3,5-TeCB	43			52.4	0.102	0.79	1.246
2,2',3,5'-TeCB	44	44 + 47 + 65	C B	1530	0.0992	0.79	1.285
2,2',3,6-TeCB	45	45 + 51	C B	22.2	0.0992	0.78	1.147
2,2',3,6'-TeCB	46			6.78	0.108	0.79	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48			140	0.0992	0.81	1.273
2,2',4,5'-TeCB	49	49 + 69	C B	1540	0.0992	0.79	1.259
2,2',4,6-TeCB	50	50 + 53	C	40.0	0.0992	0.77	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B	2890	0.0992	0.79	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		K J	0.222	0.0992	0.48	1.002
2,3,3',4-TeCB	55			91.5	4.01	0.71	0.889
2,3,3',4'-TeCB	56		B	397	3.93	0.71	0.905
2,3,3',5-TeCB	57			6.90	3.65	0.70	0.843
2,3,3',5'-TeCB	58			6.18	3.88	0.68	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B	99.6	0.0992	0.77	1.303
2,3,4,4'-TeCB	60			486	4.11	0.71	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B	2390	3.56	0.71	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63			84.8	3.68	0.72	0.864
2,3,4',6-TeCB	64		B	523	0.0992	0.79	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B	2120	3.83	0.72	0.884
2,3',4,5-TeCB	67			28.9	3.33	0.68	0.856
2,3',4,5'-TeCB	68			19.2	3.56	0.76	0.830
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			41.1	3.45	0.74	0.822
2,3',5',6-TeCB	73			35.8	0.0992	0.79	1.239
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	129	4.15	0.75	1.000
3,3',4,5-TeCB	78		U		4.25		
3,3',4,5'-TeCB	79			42.0	3.53	0.67	0.969
3,3',5,5'-TeCB	80		U		3.53		
3,4,4',5-TeCB	81			8.00	3.74	0.74	1.000
2,2',3,3',4-PeCB	82		B	240	2.35	1.60	0.934
2,2',3,3',5-PeCB	83	83 + 99	C	3300	2.13	1.57	0.885
2,2',3,3',6-PeCB	84		B	334	2.23	1.56	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C B	737	1.79	1.58	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B	2390	1.81	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	422	2.03	1.54	1.155
2,2',3,4,6'-PeCB	89			2.51	2.12	1.42	1.184
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B	6240	1.84	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B	1000	2.04	1.58	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C	2270	1.98	1.58	1.121
2,2',3,5,6'-PeCB	94			6.05	2.17	1.50	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96			2.38	0.0992	1.62	1.016
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				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103			54.9	1.81	1.62	1.093
2,2',4,6,6'-PeCB	104		K J	0.258	0.0992	2.25	1.001
2,3,3',4,4'-PeCB	105		B	1650	5.91	1.55	1.000
2,3,3',4,5-PeCB	106		U		5.59		
2,3,3',4',5-PeCB	107	107 + 124	C	123	5.87	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		B	285	5.55	1.52	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B	2560	1.57	1.58	0.925
2,3,3',5,5'-PeCB	111			3.68	1.61	1.66	0.945
2,3,3',5,6-PeCB	112		U		1.55		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		B	115	6.16	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	4590	4.94	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			15.0	1.64	1.70	0.958
2,3',4,5',6-PeCB	121		U		1.55		
2',3,3',4,5-PeCB	122			57.9	6.71	1.59	1.010
2',3,4,4',5-PeCB	123			70.2	6.49	1.48	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			8.68	8.31	1.43	1.000
3,3',4,5,5'-PeCB	127		K	8.18	6.68	1.13	1.042
2,2',3,3',4,4'-HxCB	128	128 + 166	C	852	3.55	1.26	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B	9120	3.56	1.26	0.929
2,2',3,3',4,5'-HxCB	130			392	4.48	1.27	0.913
2,2',3,3',4,6-HxCB	131			47.7	3.72	1.21	1.161
2,2',3,3',4,6'-HxCB	132		B	983	3.94	1.26	1.175
2,2',3,3',5,5'-HxCB	133			131	3.66	1.25	1.192
2,2',3,3',5,6-HxCB	134	134 + 143	C	199	3.63	1.23	1.141
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B	1920	0.0992	1.27	1.104
2,2',3,3',6,6'-HxCB	136		B	326	0.0992	1.28	1.025
2,2',3,4,4',5-HxCB	137			252	4.23	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	96.1	3.29	1.24	1.154
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B	888	3.66	1.26	0.903
2,2',3,4,5,6-HxCB	142		U		3.70		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		B	221	0.0992	1.28	1.122
2,2',3,4,6,6'-HxCB	145			0.935	0.0992	1.35	1.034
2,2',3,4',5,5'-HxCB	146		B	1300	3.26	1.26	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B	5380	3.24	1.24	1.134
2,2',3,4',5,6'-HxCB	148			12.6	0.0992	1.29	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150			11.8	0.0992	1.26	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152			1.58	0.0992	1.33	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B	8890	2.95	1.25	0.898
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155			0.918	0.0992	1.38	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B	690	4.16	1.26	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		B	564	2.87	1.27	0.938
2,3,3',4,5,5'-HxCB	159			31.5	3.16	1.31	0.982
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161			14.4	2.85	1.22	0.887
2,3,3',4',5,5'-HxCB	162			17.3	3.27	1.32	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164			316	2.92	1.28	0.921
2,3,3',5,5',6-HxCB	165			4.51	3.21	1.41	0.878
2,3,4,4',5,6-HxCB	166	128 + 166	C128				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,3',4,4',5,5'-HxCB	167			273	2.91	1.27	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		U		4.63		
2,2',3,3',4,4',5-HpCB	170		B	727	0.171	1.08	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C	348	0.149	1.01	1.163
2,2',3,3',4,5,5'-HpCB	172			135	0.163	1.04	0.897
2,2',3,3',4,5,6-HpCB	173	171 + 173	C171				
2,2',3,3',4,5,6'-HpCB	174		B	556	0.136	1.03	1.133
2,2',3,3',4,5',6-HpCB	175			47.7	0.133	1.02	1.102
2,2',3,3',4,6,6'-HpCB	176		B	154	0.0992	1.05	1.034
2,2',3,3',4',5,6-HpCB	177		B	829	0.134	1.02	1.146
2,2',3,3',5,5',6-HpCB	178		B	331	0.130	1.02	1.085
2,2',3,3',5,6,6'-HpCB	179		B	433	0.0992	1.04	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B	2410	0.122	1.03	0.910
2,2',3,4,4',5,6-HpCB	181			7.29	0.141	1.14	1.156
2,2',3,4,4',5,6'-HpCB	182			14.4	0.129	0.95	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B	985	0.136	1.03	1.127
2,2',3,4,4',6,6'-HpCB	184			1.03	0.0992	0.94	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		J	0.106	0.101	0.90	1.046
2,2',3,4',5,5',6-HpCB	187		B	2000	0.112	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188			3.71	0.0992	0.94	1.000
2,3,3',4,4',5,5'-HpCB	189			33.7	0.521	0.99	1.000
2,3,3',4,4',5,6-HpCB	190		B	247	0.129	1.04	0.947
2,3,3',4,4',5',6-HpCB	191		B	47.7	0.119	1.09	0.917
2,3,3',4,5,5',6-HpCB	192		U		0.133		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B	221	0.237	0.89	0.991
2,2',3,3',4,4',5,6-OcCB	195		B	82.1	0.244	0.91	0.946
2,2',3,3',4,4',5,6'-OcCB	196		B	132	0.0992	0.87	0.915
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C B	44.4	0.0992	0.90	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B	279	0.0992	0.88	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			57.4	0.0992	0.86	1.023
2,2',3,3',5,5',6,6'-OcCB	202		B	136	0.0992	0.90	1.001
2,2',3,4,4',5,5',6-OcCB	203		B	218	0.0992	0.89	0.919
2,2',3,4,4',5,6,6'-OcCB	204		J	0.168	0.0992	1.01	1.039
2,3,3',4,4',5,5',6-OcCB	205			13.5	0.196	0.82	1.000
2,2',3,3',4,4',5,5',6-NoCB	206			41.0	0.0992	0.81	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207			5.58	0.0992	0.75	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		B	14.0	0.0992	0.74	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		B	8.03	0.0992	0.74	1.000

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Henry Huang_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 09

PCB CONGENER ANALYSIS REPORT
RELATIVE PERCENT DIFFERENCE

AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No. 04-08-06-22

Contract No.: 4033

Client ID: LDW-07-T2-M-SC-EM-COMP1

Concentration Units: ng/kg (wet weight basis)

COMPOUND	IUPAC NO.	L10839-3 (A) LAB FLAG [1]	L10839-3 (A) CONC. FOUND	WG24520-103 LAB FLAG [1]	WG24520-103 CONC. FOUND	MEAN	RELATIVE PERCENT DIFFERENCE
2-MoCB	1	J	0.404		0.818	0.611	67.8
3-MoCB	2	U		U			
4-MoCB	3	K J	0.362		1.11		
2,2'-DiCB	4		3.84		4.09	3.97	6.38
2,3-DiCB	5	U		U			
2,3'-DiCB	6		1.15		1.43	1.29	22.0
2,4-DiCB	7		1.10	K	1.14		
2,4'-DiCB	8		2.13		2.78	2.45	26.5
2,5-DiCB	9	J	0.303	J	0.380	0.342	22.5
2,6-DiCB	10	U		U			
3,3'-DiCB	11		3.66		3.42	3.54	6.80
3,4-DiCB	12	C J	0.651	C J	0.525	0.588	21.4
3,4'-DiCB	13	C12		C12			
3,5-DiCB	14	U		U			
4,4'-DiCB	15		128		131	130	2.29
2,2',3-TriCB	16		8.71		7.37	8.04	16.7
2,2',4-TriCB	17		27.9		23.5	25.7	17.3
2,2',5-TriCB	18	C	236	C	193	215	20.3
2,2',6-TriCB	19		2.43		2.71	2.57	10.6
2,3,3'-TriCB	20	C	1260	C	1280	1270	1.45
2,3,4-TriCB	21	C	53.9	C	54.2	54.1	0.666
2,3,4'-TriCB	22		159		155	157	2.53
2,3,5-TriCB	23	U		U			
2,3,6-TriCB	24	J	0.273	J	0.180	0.227	41.1
2,3',4-TriCB	25		30.9		28.9	29.9	6.55
2,3',5-TriCB	26	C	191	C	178	184	7.16
2,3',6-TriCB	27		2.67		2.19	2.43	19.9
2,4,4'-TriCB	28	C20		C20			
2,4,5-TriCB	29	C26		C26			
2,4,6-TriCB	30	C18		C18			
2,4',5-TriCB	31		565		543	554	3.96
2,4',6-TriCB	32		18.9		16.9	17.9	11.3
2',3,4-TriCB	33	C21		C21			
2',3,5-TriCB	34	J	0.688	J	0.793	0.741	14.2
3,3',4-TriCB	35	U		U			
3,3',5-TriCB	36	K J	0.360	J	0.616		
3,4,4'-TriCB	37		263		265	264	0.874
3,4,5-TriCB	38	U		U			
3,4',5-TriCB	39		4.65		4.14	4.40	11.6
2,2',3,3'-TeCB	40	C	180	C	192	186	6.78
2,2',3,4-TeCB	41	C40		C40			
2,2',3,4'-TeCB	42		250		266	258	6.38
2,2',3,5-TeCB	43		52.4		52.4	52.4	0.145
2,2',3,5'-TeCB	44	C	1470	C	1530	1500	4.50
2,2',3,6-TeCB	45	C	23.4	C	22.2	22.8	5.20
2,2',3,6'-TeCB	46		6.68		6.78	6.73	1.58
2,2',4,4'-TeCB	47	C44		C44			
2,2',4,5-TeCB	48		134		140	137	4.45
2,2',4,5'-TeCB	49	C	1480	C	1540	1510	3.61
2,2',4,6-TeCB	50	C	44.9	C	40.0	42.4	11.6
2,2',4,6'-TeCB	51	C45		C45			
2,2',5,5'-TeCB	52		2910		2890	2900	0.608
2,2',5,6'-TeCB	53	C50		C50			
2,2',6,6'-TeCB	54	K J	0.118	K J	0.222		
2,3,3',4-TeCB	55		79.5		91.5	85.5	14.0
2,3,3',4'-TeCB	56		387		397	392	2.52
2,3,3',5-TeCB	57		6.56		6.90	6.73	5.01
2,3,3',5'-TeCB	58		7.14		6.18	6.66	14.4
2,3,3',6-TeCB	59	C	96.2	C	99.6	97.9	3.49
2,3,4,4'-TeCB	60		480		486	483	1.23

COMPOUND	IUPAC NO.	L10839-3 (A)		WG24520-103		MEAN	RELATIVE PERCENT DIFFERENCE
		LAB FLAG [1]	CONC. FOUND	LAB FLAG [1]	CONC. FOUND		
2,3,4,5-TeCB	61	C	2500	C	2390	2450	4.54
2,3,4,6-TeCB	62	C59		C59			
2,3,4',5-TeCB	63		86.0		84.8	85.4	1.47
2,3,4',6-TeCB	64		507		523	515	3.11
2,3,5,6-TeCB	65	C44		C44			
2,3',4,4'-TeCB	66		2030		2120	2070	4.32
2,3',4,5-TeCB	67		29.6		28.9	29.3	2.44
2,3',4,5'-TeCB	68		18.4		19.2	18.8	4.75
2,3',4,6-TeCB	69	C49		C49			
2,3',4',5-TeCB	70	C61		C61			
2,3',4',6-TeCB	71	C40		C40			
2,3',5,5'-TeCB	72		36.6		41.1	38.8	11.6
2,3',5',6-TeCB	73		35.7		35.8	35.7	0.168
2,4,4',5-TeCB	74	C61		C61			
2,4,4',6-TeCB	75	C59		C59			
2',3,4,5-TeCB	76	C61		C61			
3,3',4,4'-TeCB	77		129		129	129	0.087
3,3',4,5-TeCB	78	U		U			
3,3',4,5'-TeCB	79		36.6		42.0	39.3	13.8
3,3',5,5'-TeCB	80	U		U			
3,4,4',5-TeCB	81		6.28		8.00	7.14	24.1
2,2',3,3',4-PeCB	82		227		240	233	5.31
2,2',3,3',5-PeCB	83	C	3200	C	3300	3250	3.19
2,2',3,3',6-PeCB	84		342		334	338	2.38
2,2',3,4,4'-PeCB	85	C	716	C	737	727	2.95
2,2',3,4,5-PeCB	86	C	2330	C	2390	2360	2.63
2,2',3,4,5'-PeCB	87	C86		C86			
2,2',3,4,6-PeCB	88	C	434	C	422	428	2.74
2,2',3,4,6'-PeCB	89		2.73		2.51	2.62	8.45
2,2',3,4',5-PeCB	90	C	6310	C	6240	6280	1.08
2,2',3,4',6-PeCB	91	C88		C88			
2,2',3,5,5'-PeCB	92		980		1000	992	2.44
2,2',3,5,6-PeCB	93	C	2380	C	2270	2320	4.57
2,2',3,5,6'-PeCB	94		6.35		6.05	6.20	4.84
2,2',3,5',6-PeCB	95	C93		C93			
2,2',3,6,6'-PeCB	96		2.56		2.38	2.47	6.92
2,2',3',4,5-PeCB	97	C86		C86			
2,2',3',4,6-PeCB	98	C93		C93			
2,2',4,4',5-PeCB	99	C83		C83			
2,2',4,4',6-PeCB	100	C93		C93			
2,2',4,5,5'-PeCB	101	C90		C90			
2,2',4,5,6'-PeCB	102	C93		C93			
2,2',4,5',6-PeCB	103		54.8		54.9	54.9	0.166
2,2',4,6,6'-PeCB	104	J	0.163	K J	0.258		
2,3,3',4,4'-PeCB	105		1580		1650	1620	3.92
2,3,3',4,5-PeCB	106		5.86	U			
2,3,3',4',5-PeCB	107	C	121	C	123	122	1.58
2,3,3',4,5'-PeCB	108	C86		C86			
2,3,3',4,6-PeCB	109		276		285	281	3.18
2,3,3',4',6-PeCB	110	C	2550	C	2560	2550	0.332
2,3,3',5,5'-PeCB	111		3.62		3.68	3.65	1.67
2,3,3',5,6-PeCB	112	U		U			
2,3,3',5',6-PeCB	113	C90		C90			
2,3,4,4',5-PeCB	114		107		115	111	6.99
2,3,4,4',6-PeCB	115	C110		C110			
2,3,4,5,6-PeCB	116	C85		C85			
2,3,4',5,6-PeCB	117	C85		C85			
2,3',4,4',5-PeCB	118		4460		4590	4520	2.86
2,3',4,4',6-PeCB	119	C86		C86			
2,3',4,5,5'-PeCB	120		13.8		15.0	14.4	8.50
2,3',4,5',6-PeCB	121		0.835	U			
2',3,3',4,5-PeCB	122		50.0		57.9	53.9	14.7
2',3,4,4',5-PeCB	123		73.4		70.2	71.8	4.48
2',3,4,5,5'-PeCB	124	C107		C107			
2',3,4,5,6'-PeCB	125	C86		C86			
3,3',4,4',5-PeCB	126	U			8.68		
3,3',4,5,5'-PeCB	127	U		K	8.18		
2,2',3,3',4,4'-HxCB	128	C	772	C	852	812	9.82
2,2',3,3',4,5-HxCB	129	C	9010	C	9120	9070	1.17

COMPOUND	IUPAC NO.	L10839-3 (A)		WG24520-103		MEAN	RELATIVE PERCENT DIFFERENCE
		LAB FLAG [1]	CONC. FOUND	LAB FLAG [1]	CONC. FOUND		
2,2',3,3',4,5'-HxCB	130		363		392	378	7.61
2,2',3,3',4,6-HxCB	131		45.1		47.7	46.4	5.62
2,2',3,3',4,6'-HxCB	132		972		983	978	1.11
2,2',3,3',5,5'-HxCB	133		125		131	128	5.15
2,2',3,3',5,6-HxCB	134	C	199	C	199	199	0.282
2,2',3,3',5,6'-HxCB	135	C	1850	C	1920	1890	3.49
2,2',3,3',6,6'-HxCB	136		325		326	325	0.450
2,2',3,4,4',5-HxCB	137		222		252	237	12.4
2,2',3,4,4',5'-HxCB	138	C129		C129			
2,2',3,4,4',6-HxCB	139	C	92.4	C	96.1	94.2	3.94
2,2',3,4,4',6'-HxCB	140	C139		C139			
2,2',3,4,5,5'-HxCB	141		854		888	871	3.91
2,2',3,4,5,6-HxCB	142	U		U			
2,2',3,4,5,6'-HxCB	143	C134		C134			
2,2',3,4,5',6-HxCB	144		209		221	215	5.83
2,2',3,4,6,6'-HxCB	145	J	0.540		0.935	0.738	53.6
2,2',3,4',5,5'-HxCB	146		1260		1300	1280	3.33
2,2',3,4',5,6-HxCB	147	C	5440	C	5380	5410	0.957
2,2',3,4',5,6'-HxCB	148		12.0		12.6	12.3	4.46
2,2',3,4',5',6-HxCB	149	C147		C147			
2,2',3,4',6,6'-HxCB	150		11.8		11.8	11.8	0.652
2,2',3,5,5',6-HxCB	151	C135		C135			
2,2',3,5,6,6'-HxCB	152		1.67		1.58	1.62	5.30
2,2',4,4',5,5'-HxCB	153	C	8730	C	8890	8810	1.91
2,2',4,4',5,6'-HxCB	154	C135		C135			
2,2',4,4',6,6'-HxCB	155		0.914		0.918	0.916	0.437
2,3,3',4,4',5-HxCB	156	C	634	C	690	662	8.40
2,3,3',4,4',5'-HxCB	157	C156		C156			
2,3,3',4,4',6-HxCB	158		536		564	550	5.11
2,3,3',4,5,5'-HxCB	159		29.2		31.5	30.4	7.61
2,3,3',4,5,6-HxCB	160	C129		C129			
2,3,3',4,5',6-HxCB	161		15.2		14.4	14.8	5.70
2,3,3',4',5,5'-HxCB	162		14.0		17.3	15.6	20.9
2,3,3',4',5,6-HxCB	163	C129		C129			
2,3,3',4',5',6-HxCB	164		308		316	312	2.74
2,3,3',5,5',6-HxCB	165		4.27		4.51	4.39	5.35
2,3,4,4',5,6-HxCB	166	C128		C128			
2,3',4,4',5,5'-HxCB	167		260		273	267	4.79
2,3',4,4',5',6-HxCB	168	C153		C153			
3,3',4,4',5,5'-HxCB	169	U		U			
2,2',3,3',4,4',5-HpCB	170		864		727	796	17.2
2,2',3,3',4,4',6-HpCB	171	C	361	C	348	355	3.85
2,2',3,3',4,5,5'-HpCB	172		151		135	143	11.6
2,2',3,3',4,5,6-HpCB	173	C171		C171			
2,2',3,3',4,5,6'-HpCB	174		617		556	586	10.4
2,2',3,3',4,5',6-HpCB	175		48.8		47.7	48.2	2.29
2,2',3,3',4,6,6'-HpCB	176		155		154	154	1.04
2,2',3,3',4',5,6-HpCB	177		849		829	839	2.39
2,2',3,3',5,5',6-HpCB	178		355		331	343	7.15
2,2',3,3',5,6,6'-HpCB	179		466		433	449	7.29
2,2',3,4,4',5,5'-HpCB	180	C	2830	C	2410	2620	15.9
2,2',3,4,4',5,6-HpCB	181		7.10		7.29	7.20	2.64
2,2',3,4,4',5,6'-HpCB	182		12.5		14.4	13.5	13.7
2,2',3,4,4',5',6-HpCB	183	C	1040	C	985	1010	5.15
2,2',3,4,4',6,6'-HpCB	184		1.38		1.03	1.20	29.5
2,2',3,4,5,5',6-HpCB	185	C183		C183			
2,2',3,4,5,6,6'-HpCB	186	U		J	0.106		
2,2',3,4',5,5',6-HpCB	187		2230		2000	2110	10.7
2,2',3,4',5,6,6'-HpCB	188		3.82		3.71	3.76	2.87
2,3,3',4,4',5,5'-HpCB	189		33.0		33.7	33.4	1.92
2,3,3',4,4',5,6-HpCB	190		264		247	256	6.88
2,3,3',4,4',5',6-HpCB	191		55.3		47.7	51.5	14.8
2,3,3',4,5,5',6-HpCB	192	U		U			
2,3,3',4',5,5',6-HpCB	193	C180		C180			
2,2',3,3',4,4',5,5'-OcCB	194		236		221	229	6.39
2,2',3,3',4,4',5,6-OcCB	195		81.5		82.1	81.8	0.752
2,2',3,3',4,4',5,6'-OcCB	196		146		132	139	10.2
2,2',3,3',4,4',6,6'-OcCB	197	C	48.2	C	44.4	46.3	8.09
2,2',3,3',4,5,5',6-OcCB	198	C	304	C	279	292	8.41

COMPOUND	IUPAC NO.	L10839-3 (A) LAB FLAG [1]	L10839-3 (A) CONC. FOUND	WG24520-103 LAB FLAG [1]	WG24520-103 CONC. FOUND	MEAN	RELATIVE PERCENT DIFFERENCE
2,2',3,3',4,5,5',6'-OcCB	199	C198		C198			
2,2',3,3',4,5,6,6'-OcCB	200	C197		C197			
2,2',3,3',4,5',6,6'-OcCB	201		60.3		57.4	58.9	5.01
2,2',3,3',5,5',6,6'-OcCB	202		135		136	135	0.797
2,2',3,4,4',5,5',6-OcCB	203		241		218	229	9.88
2,2',3,4,4',5,6,6'-OcCB	204	J	0.187	J	0.168	0.178	10.7
2,3,3',4,4',5,5',6-OcCB	205		13.9		13.5	13.7	2.89
2,2',3,3',4,4',5,5',6-NoCB	206		43.0		41.0	42.0	4.74
2,2',3,3',4,4',5,6,6'-NoCB	207		5.93		5.58	5.75	6.12
2,2',3,3',4,5,5',6,6'-NoCB	208		14.1		14.0	14.1	0.790
2,2',3,3',4,4',5,5',6,6'-DeCB	209		8.07		8.03	8.05	0.522

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Henry Huang_____ QA/QC Chemist

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