APPENDIX E LABORATORY FORM 1S

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T1-B-SS-WB-COMP1
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-6 W
Matrix:	TISSUE	**Sample Size:**	10.8 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	30-May-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	26-Jul-2006 **Time:** 14:35:37	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	400	**Sample Data Filename:**	**PB6C_330 S: 7**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB6C_327 S: 5
Dilution Factor:	20	**Cal. Ver. Data Filename:**	PB6C_330 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		D	8.93	0.503	3.29	1.001
3-MoCB	2		K D J	1.87	0.591	4.54	0.988
4-MoCB	3		D J	2.76	0.671	3.56	1.001
2,2'-DiCB	4		D	63.5	4.14	1.48	1.001
2,3-DiCB	5		U D		3.63		
2,3'-DiCB	6		D	34.7	3.33	1.61	1.175
2,4-DiCB	7		K D J	4.44	3.42	2.07	1.158
2,4'-DiCB	8		D	58.8	3.09	1.67	1.208
2,5-DiCB	9		D	20.6	3.30	1.68	1.146
2,6-DiCB	10		D	7.72	3.43	1.45	1.014
3,3'-DiCB	11		D	11.0	3.48	1.40	0.968
3,4-DiCB	12	12 + 13	C K D J	8.27	3.49	1.82	0.985
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U D		3.38		
4,4'-DiCB	15		D	159	4.72	1.65	1.001
2,2',3-TriCB	16		D	60.6	1.52	1.04	1.166
2,2',4-TriCB	17		D	285	1.25	1.05	1.138
2,2',5-TriCB	18	18 + 30	C B D	1310	1.07	1.03	1.113
2,2',6-TriCB	19		D	122	1.21	0.99	1.001
2,3,3'-TriCB	20	20 + 28	C B D	5220	1.67	1.03	0.848
2,3,4-TriCB	21	21 + 33	C D	166	1.68	1.06	0.857
2,3,4'-TriCB	22		D	312	1.84	1.03	0.872
2,3,5-TriCB	23		K D J	2.83	1.81	0.84	1.281
2,3,6-TriCB	24		D	20.9	0.933	1.16	1.160
2,3',4-TriCB	25		D	384	1.52	1.02	0.825
2,3',5-TriCB	26	26 + 29	C D	1270	1.68	1.03	1.301
2,3',6-TriCB	27		D	228	0.883	1.08	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		D	2980	1.62	1.03	0.837
2,4',6-TriCB	32		D	639	1.52	1.03	1.196
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		D	17.3	1.71	0.97	1.272
3,3',4-TriCB	35		U D		1.90		
3,3',5-TriCB	36		U D		1.70		
3,4,4'-TriCB	37		D	940	2.31	1.02	1.001
3,4,5-TriCB	38		D	7.65	1.76	1.15	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		D	13.5	1.72	1.19	0.946
2,2',3,3'-TeCB	40	40 + 41 + 71	C B D	1470	1.17	0.79	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		D	563	1.26	0.80	1.311
2,2',3,5-TeCB	43		D	156	1.44	0.78	1.245
2,2',3,5'-TeCB	44	44 + 47 + 65	C B D	6620	1.05	0.78	1.284
2,2',3,6-TeCB	45	45 + 51	C B D	547	1.17	0.77	1.147
2,2',3,6'-TeCB	46		D	194	1.33	0.79	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		D	511	1.19	0.77	1.273
2,2',4,5'-TeCB	49	49 + 69	C B D	8930	0.995	0.78	1.259
2,2',4,6-TeCB	50	50 + 53	C B D	1330	1.13	0.78	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B D	18000	1.07	0.78	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		D	10.3	0.732	0.70	1.001
2,3,3',4-TeCB	55		U D		10.1		
2,3,3',4'-TeCB	56		D	625	9.88	0.75	0.904
2,3,3',5-TeCB	57		D	70.5	9.53	0.74	0.844
2,3,3',5'-TeCB	58		D	32.1	9.61	0.79	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B D	979	0.877	0.78	1.301
2,3,4,4'-TeCB	60		B D	1470	10.0	0.78	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B D	14800	9.39	0.78	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		D	536	9.23	0.77	0.864
2,3,4',6-TeCB	64		B D	3260	0.852	0.78	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B D	6870	8.86	0.78	0.884
2,3',4,5-TeCB	67		D	261	8.35	0.77	0.856
2,3',4,5'-TeCB	68		D	121	9.15	0.75	0.831
2,3',4,6-TeCB	69	49 + 69	C49				
2,3',4',5-TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6-TeCB	71	40 + 41 + 71	C40				
2,3',5,5'-TeCB	72		D	224	9.10	0.73	0.823
2,3',5',6-TeCB	73		U D		0.838		
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		D	781	11.2	0.76	1.000
3,3',4,5-TeCB	78		U D		10.2		
3,3',4,5'-TeCB	79		D	164	8.04	0.75	0.969
3,3',5,5'-TeCB	80		U D		8.74		
3,4,4',5-TeCB	81		D	46.2	11.4	0.69	1.001
2,2',3,3',4-PeCB	82		B D	421	11.3	1.61	0.934
2,2',3,3',5-PeCB	83	83 + 99	C B D	26100	9.84	1.57	0.886
2,2',3,3',6-PeCB	84		D	2490	11.4	1.57	1.163
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C D	2160	8.40	1.59	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B D	12500	8.31	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 B D	3200	10.3	1.56	1.154
2,2',3,4,6'-PeCB	89		D	54.5	10.6	1.54	1.182
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B D	44900	8.88	1.58	0.870
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B D	5910	10.2	1.56	0.854
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C B D	19500	9.89	1.59	1.120
2,2',3,5,6'-PeCB	94		D	37.2	11.2	1.61	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		D	99.3	1.78	1.57	1.015
2,2',3',4,5-PeCB	97	86 + 87 + 97 + 108 + 119 + 125	C86				
2,2',3',4,6-PeCB	98	93 + 95 + 98 + 100 + 102	C93				
2,2',4,4',5-PeCB	99	83 + 99	C83				
2,2',4,4',6-PeCB	100	93 + 95 + 98 + 100 + 102	C93				
2,2',4,5,5'-PeCB	101	90 + 101 + 113	C90				
2,2',4,5,6'-PeCB	102	93 + 95 + 98 + 100 + 102	C93				

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
2,2',4,5',6-PeCB	103		D	727	9.16	1.59	1.093
2,2',4,6,6'-PeCB	104		D J	3.82	1.55	1.37	1.001
2,3,3',4,4'-PeCB	105		B D	11700	47.5	1.56	1.001
2,3,3',4,5-PeCB	106		U D		42.9		
2,3,3',4',5-PeCB	107	107 + 124	C D	812	44.7	1.59	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B D	2550	40.6	1.56	0.998
2,3,3',4',6-PeCB	110	110 + 115	C B D	21600	7.23	1.59	0.925
2,3,3',5,5'-PeCB	111		D	40.7	7.70	1.68	0.945
2,3,3',5,6-PeCB	112		U D		7.23		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		D	741	48.0	1.61	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 D	34100	39.1	1.56	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		D	243	7.38	1.59	0.959
2,3',4,5',6-PeCB	121		K D	21.4	7.68	1.79	1.199
2',3,3',4,5-PeCB	122		D	169	47.5	1.51	1.010
2',3,4,4',5-PeCB	123		D	600	51.4	1.56	1.001
2',3,4,5,5'-PeCB	124	107 + 124	C107				
2',3,4,5,6'-PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5-PeCB	126		D	60.2	40.0	1.62	1.000
3,3',4,5,5'-PeCB	127		U D		45.4		
2,2',3,3',4,4'-HxCB	128	128 + 166	C B D	5040	37.9	1.27	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	77200	40.7	1.27	0.928
2,2',3,3',4,5'-HxCB	130		D	3140	51.2	1.26	0.913
2,2',3,3',4,6-HxCB	131		B D	248	46.2	1.33	1.159
2,2',3,3',4,6'-HxCB	132		B D	6530	48.9	1.29	1.175
2,2',3,3',5,5'-HxCB	133		D	1160	46.3	1.26	1.191
2,2',3,3',5,6-HxCB	134	134 + 143	C D	1680	46.8	1.28	1.139
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B D	18600	1.45	1.27	1.104
2,2',3,3',6,6'-HxCB	136		D	4480	1.08	1.26	1.025
2,2',3,4,4',5-HxCB	137		B D	2030	44.4	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 D	808	42.1	1.27	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B D	6930	44.7	1.26	0.904
2,2',3,4,5,6-HxCB	142		U D		48.2		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		D	2180	1.49	1.28	1.121
2,2',3,4,6,6'-HxCB	145		U D		1.05		
2,2',3,4',5,5'-HxCB	146		B D	10400	34.4	1.27	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B D	29000	41.1	1.27	1.133
2,2',3,4',5,6'-HxCB	148		D	124	1.47	1.27	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		D	141	1.10	1.28	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		K D	19.8	1.05	1.48	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	98100	34.9	1.27	0.899
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		D	13.3	0.888	1.41	1.000
2,3,3',4,4',5-HxCB	156	156 + 157	C B D	5800	51.2	1.26	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		D	5300	31.8	1.27	0.938
2,3,3',4,5,5'-HxCB	159		D	153	35.5	1.34	0.981
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U D		30.0		
2,3,3',4',5,5'-HxCB	162		D	146	36.5	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		D	1820	34.4	1.29	0.921
2,3,3',5,5',6-HxCB	165		K D	42.6	37.7	1.54	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		B D	2470	38.0	1.26	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		U D		46.7		
2,2',3,3',4,4',5-HpCB	170		B D	11400	2.09	1.05	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C D	3510	1.84	1.07	1.163
2,2',3,3',4,5,5'-HpCB	172		D	1870	1.99	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		D	2700	1.62	1.06	1.134
2,2',3,3',4,5',6-HpCB	175		D	491	1.61	1.07	1.103
2,2',3,3',4,6,6'-HpCB	176		D	746	1.15	1.05	1.034
2,2',3,3',4',5,6-HpCB	177		D	5610	1.55	1.05	1.146
2,2',3,3',5,5',6-HpCB	178		D	3130	1.68	1.04	1.085
2,2',3,3',5,6,6'-HpCB	179		D	3710	1.15	1.06	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B D	34000	1.52	1.05	0.910
2,2',3,4,4',5,6-HpCB	181		D	81.3	1.71	1.06	1.157
2,2',3,4,4',5,6'-HpCB	182		D	135	1.57	0.97	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B D	10600	1.63	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		D	9.64	1.05	0.99	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U D		1.22		
2,2',3,4',5,5',6-HpCB	187		B D	22600	1.44	1.06	1.110
2,2',3,4',5,6,6'-HpCB	188		D	36.7	1.17	1.11	1.000
2,3,3',4,4',5,5'-HpCB	189		D	388	7.80	1.05	1.000
2,3,3',4,4',5,6-HpCB	190		B D	2470	1.53	1.05	0.947
2,3,3',4,4',5',6-HpCB	191		D	576	1.47	1.04	0.918
2,3,3',4,5,5',6-HpCB	192		U D		1.57		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	4070	6.64	0.89	0.991
2,2',3,3',4,4',5,6-OcCB	195		D	1690	7.02	0.91	0.946
2,2',3,3',4,4',5,6'-OcCB	196		D	2580	0.484	0.91	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C D	400	0.326	0.88	1.045
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	4770	0.488	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		D	734	0.316	0.92	1.023
2,2',3,3',5,5',6,6'-OcCB	202		D	1620	0.357	0.90	1.000
2,2',3,4,4',5,5',6-OcCB	203		D	4040	0.464	0.89	0.920
2,2',3,4,4',5,6,6'-OcCB	204		K D J	2.80	0.327	0.62	1.039
2,3,3',4,4',5,5',6-OcCB	205		D	209	5.43	0.94	1.001
2,2',3,3',4,4',5,5',6-NoCB	206		D	1040	1.33	0.78	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207		D	146	0.980	0.84	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		D	302	1.13	0.79	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		D	161	0.487	0.69	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; D = dilution data; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T2-B-SS-WB-COMP1
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-1 i
Matrix:	TISSUE	**Sample Size:**	3.20 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	30-May-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	26-Jul-2006 **Time:** 11:22:25	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	400	**Sample Data Filename:**	**PB6C_330 S: 4**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB6C_327 S: 5
Dilution Factor:	20	**Cal. Ver. Data Filename:**	PB6C_330 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		D J	7.40	1.96	2.73	1.001
3-MoCB	2		U D		3.83		
4-MoCB	3		D J	5.28	2.57	3.25	1.001
2,2'-DiCB	4		D	58.5	16.8	1.62	1.000
2,3-DiCB	5		U D		13.4		
2,3'-DiCB	6		D	32.6	12.2	1.65	1.174
2,4-DiCB	7		U D		12.6		
2,4'-DiCB	8		D	58.0	11.4	1.55	1.206
2,5-DiCB	9		D J	14.7	12.1	1.75	1.144
2,6-DiCB	10		U D		12.6		
3,3'-DiCB	11		U D		12.8		
3,4-DiCB	12	12 + 13	C U D		12.8		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U D		12.4		
4,4'-DiCB	15		D	135	16.1	1.70	1.001
2,2',3-TriCB	16		D	47.6	4.01	1.19	1.165
2,2',4-TriCB	17		D	305	3.31	1.08	1.137
2,2',5-TriCB	18	18 + 30	C B D	1530	2.82	1.08	1.113
2,2',6-TriCB	19		D	142	3.24	0.99	1.001
2,3,3'-TriCB	20	20 + 28	C B D	6380	3.15	1.03	0.847
2,3,4-TriCB	21	21 + 33	C D	170	3.16	0.98	0.857
2,3,4'-TriCB	22		D	308	3.47	1.04	0.872
2,3,5-TriCB	23		K D J	3.98	3.42	0.81	1.282
2,3,6-TriCB	24		D J	24.1	2.46	1.13	1.158
2,3',4-TriCB	25		D	506	2.86	1.04	0.825
2,3',5-TriCB	26	26 + 29	C D	1720	3.17	1.04	1.300
2,3',6-TriCB	27		D	227	2.33	1.00	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		D	3360	3.06	1.03	0.836
2,4',6-TriCB	32		D	690	2.87	1.03	1.196
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		D	26.0	3.23	0.93	1.272
3,3',4-TriCB	35		U D		3.59		
3,3',5-TriCB	36		U D		3.21		
3,4,4'-TriCB	37		D	1120	4.31	1.04	1.001
3,4,5-TriCB	38		D J	16.9	3.32	0.94	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		D J	19.4	3.26	1.15	0.946
2,2',3,3'-TeCB	40	40 + 41 + 71	C B D	1880	2.15	0.81	1.336
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		D	748	2.31	0.82	1.311
2,2',3,5-TeCB	43		D	223	2.65	0.86	1.245
2,2',3,5'-TeCB	44	44 + 47 + 65	C B D	10500	1.93	0.79	1.285
2,2',3,6-TeCB	45	45 + 51	C B D	707	2.15	0.79	1.147
2,2',3,6'-TeCB	46		D	263	2.45	0.76	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		D	644	2.18	0.82	1.272
2,2',4,5'-TeCB	49	49 + 69	C B D	15000	1.83	0.78	1.258
2,2',4,6-TeCB	50	50 + 53	C B D	1790	2.07	0.78	1.110
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B D	29000	1.96	0.79	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		D J	12.0	1.21	0.76	1.001
2,3,3',4-TeCB	55		U D		14.1		
2,3,3',4'-TeCB	56		D	850	13.9	0.76	0.904
2,3,3',5-TeCB	57		D	146	13.4	0.76	0.844
2,3,3',5'-TeCB	58		D	51.3	13.5	0.69	0.852
2,3,3',6-TeCB	59	59 + 62 + 75	C B D	1490	1.61	0.80	1.301
2,3,4,4'-TeCB	60		B D	2370	14.1	0.78	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B D	23700	13.2	0.78	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		D	1000	12.9	0.78	0.864
2,3,4',6-TeCB	64		B D	5090	1.57	0.78	1.347
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B D	13000	12.4	0.78	0.884
2,3',4,5-TeCB	67		D	433	11.7	0.71	0.856
2,3',4,5'-TeCB	68		D	275	12.8	0.79	0.831
2,3',4,6-TeCB	69	49 + 69	C49				
2,3',4',5-TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6-TeCB	71	40 + 41 + 71	C40				
2,3',5,5'-TeCB	72		D	461	12.8	0.78	0.822
2,3',5',6-TeCB	73		U D		1.54		
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		D	1250	16.8	0.77	1.000
3,3',4,5-TeCB	78		U D		14.3		
3,3',4,5'-TeCB	79		D	285	11.3	0.74	0.969
3,3',5,5'-TeCB	80		U D		12.3		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B D	588	23.4	1.55	0.934
2,2',3,3',5-PeCB	83	83 + 99	C B D	42000	20.4	1.60	0.886
2,2',3,3',6-PeCB	84		D	4010	23.6	1.58	1.163
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C D	3870	17.4	1.62	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B D	22200	17.2	1.59	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 B D	4500	21.3	1.58	1.154
2,2',3,4,6'-PeCB	89		D	71.9	22.0	1.53	1.182
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B D	75600	18.4	1.57	0.870
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B D	11200	21.2	1.58	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C B D	28000	20.4	1.57	1.121
2,2',3,5,6'-PeCB	94		D	63.7	23.2	1.35	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		D	157	2.33	1.50	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		D	1020	18.9	1.52	1.094
2,2',4,6,6'-PeCB	104		K D J	6.45	1.83	1.89	1.001
2,3,3',4,4'-PeCB	105		B D	21000	59.1	1.57	1.000
2,3,3',4,5-PeCB	106		U D		51.6		
2,3,3',4',5-PeCB	107	107 + 124	C D	1500	53.8	1.59	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B D	4500	48.8	1.56	0.998
2,3,3',4',6-PeCB	110	110 + 115	C B D	32600	14.9	1.58	0.925
2,3,3',5,5'-PeCB	111		D	63.0	15.9	1.63	0.945
2,3,3',5,6-PeCB	112		U D		15.0		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		D	1360	55.6	1.74	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 D	64800	52.1	1.56	1.000
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		D	375	15.3	1.55	0.959
2,3',4,5',6-PeCB	121		K D	27.5	15.9	2.40	1.199
2',3,3',4,5-PeCB	122		D	254	57.0	1.74	1.010
2',3,4,4',5-PeCB	123		D	1230	61.1	1.57	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		U D		54.6		
2,2',3,3',4,4'-HxCB	128	128 + 166	C B D	8530	45.2	1.28	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	117000	48.6	1.27	0.928
2,2',3,3',4,5'-HxCB	130		D	5530	61.1	1.31	0.913
2,2',3,3',4,6-HxCB	131		B D	439	55.2	1.22	1.159
2,2',3,3',4,6'-HxCB	132		B D	8210	58.3	1.26	1.175
2,2',3,3',5,5'-HxCB	133		D	1980	55.3	1.24	1.191
2,2',3,3',5,6-HxCB	134	134 + 143	C D	2790	55.8	1.27	1.140
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B D	27000	3.10	1.25	1.104
2,2',3,3',6,6'-HxCB	136		D	5980	2.31	1.25	1.025
2,2',3,4,4',5-HxCB	137		B D	3970	53.0	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 D	1370	50.3	1.23	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B D	11000	53.4	1.27	0.904
2,2',3,4,5,6-HxCB	142		U D		57.5		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		D	3560	3.20	1.29	1.122
2,2',3,4,6,6'-HxCB	145		K D J	15.5	2.25	1.49	1.034
2,2',3,4',5,5'-HxCB	146		B D	15800	41.1	1.26	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B D	36200	49.1	1.27	1.133
2,2',3,4',5,6'-HxCB	148		D	190	3.15	1.19	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		D	186	2.36	1.17	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		K D	28.7	2.25	1.83	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	135000	41.6	1.26	0.899
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		K D J	18.5	1.84	1.03	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B D	10600	62.7	1.27	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		D	9340	38.0	1.27	0.938
2,3,3',4,5,5'-HxCB	159		D	202	42.4	1.35	0.981
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U D		35.8		
2,3,3',4',5,5'-HxCB	162		D	278	43.5	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		D	2560	41.1	1.26	0.921
2,3,3',5,5',6-HxCB	165		D	58.2	45.0	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		B D	4490	43.8	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 D	17600	2.68	1.05	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C D	5420	2.35	1.05	1.163
2,2',3,3',4,5,5'-HpCB	172		D	2830	2.55	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		D	3290	2.07	1.06	1.133
2,2',3,3',4,5',6-HpCB	175		D	773	2.07	1.01	1.103
2,2',3,3',4,6,6'-HpCB	176		D	1080	1.47	1.08	1.034
2,2',3,3',4',5,6-HpCB	177		D	8380	1.99	1.05	1.145
2,2',3,3',5,5',6-HpCB	178		D	4950	2.15	1.06	1.085
2,2',3,3',5,6,6'-HpCB	179		D	4940	1.48	1.07	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B D	48900	1.95	1.05	0.910
2,2',3,4,4',5,6-HpCB	181		D	151	2.19	1.08	1.156
2,2',3,4,4',5,6'-HpCB	182		D	222	2.01	0.99	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B D	17500	2.09	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		D J	19.0	1.35	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 D		1.56		
2,2',3,4',5,5',6-HpCB	187		B D	31900	1.85	1.06	1.110
2,2',3,4',5,6,6'-HpCB	188		D	56.7	1.45	1.01	1.000
2,3,3',4,4',5,5'-HpCB	189		D	627	16.2	1.01	1.001
2,3,3',4,4',5,6-HpCB	190		B D	4550	1.96	1.06	0.947
2,3,3',4,4',5',6-HpCB	191		D	996	1.89	1.09	0.918
2,3,3',4,5,5',6-HpCB	192		U D		2.02		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	5790	14.2	0.90	0.991
2,2',3,3',4,4',5,6-OcCB	195		D	2560	15.1	0.92	0.945
2,2',3,3',4,4',5,6'-OcCB	196		D	4240	2.62	0.90	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C D	556	1.77	0.92	1.045
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	6140	2.64	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		D	1090	1.71	0.90	1.023
2,2',3,3',5,5',6,6'-OcCB	202		D	2150	1.93	0.93	1.001
2,2',3,4,4',5,5',6-OcCB	203		D	6180	2.51	0.92	0.920
2,2',3,4,4',5,6,6'-OcCB	204		D J	5.04	1.77	0.99	1.039
2,3,3',4,4',5,5',6-OcCB	205		D	372	11.7	0.90	1.000
2,2',3,3',4,4',5,5',6-NoCB	206		D	1380	3.61	0.83	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207		D	165	2.46	0.83	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		D	295	2.68	0.86	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		D	170	2.64	0.78	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; D = dilution data; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T2-B-SS-WB-COMP1
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-1
Matrix:	TISSUE	**Sample Size:**	3.20 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	08-May-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	01-Aug-2006 **Time:** 01:51:55	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT63_189B S: 5**
Injection Volume (uL):	2.0	**Blank Data Filename:**	DT63_189B S: 4
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT63_189B 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
3,3',4,4'-TeCB	77		X				
3,4,4',5-TeCB	81		B	234	0.523	0.75	1.003
2,3,3',4,4'-PeCB	105		X				
2,3,4,4',5-PeCB	114		X				
2,3',4,4',5-PeCB	118		X				
2',3,4,4',5-PeCB	123		X				
3,3',4,4',5-PeCB	126			100	10.1	1.44	1.001
2,3,3',4,4',5-HxCB	156		X				
2,3,3',4,4',5'-HxCB	157		X				
2,3',4,4',5,5'-HxCB	167		X				
3,3',4,4',5,5'-HxCB	169		B	3.45	1.59	1.39	1.001
2,2',3,3',4,4',5-HpCB	170		X				
2,2',3,4,4',5,5'-HpCB	180		X				
2,3,3',4,4',5,5'-HpCB	189		X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T3-D-SS-WB-COMP1
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-2
Matrix:	TISSUE	**Sample Size:**	2.81 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	05-Jun-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	25-Jul-2006 **Time:** 00:15:30	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	400	**Sample Data Filename:**	**PB6C_328A S: 5**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB6C_327 S: 5
Dilution Factor:	20	**Cal. Ver. Data Filename:**	PB6C_328A S: 2
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 D J	16.1	1.17	3.89	1.001
3-MoCB	2		K D J	4.17	1.45	8.05	0.987
4-MoCB	3		K D J	6.26	1.67	4.32	1.000
2,2'-DiCB	4		D	150	11.0	1.50	1.001
2,3-DiCB	5		U D		9.63		
2,3'-DiCB	6		D	93.1	8.67	1.58	1.175
2,4-DiCB	7		U D		8.84		
2,4'-DiCB	8		D	106	7.85	1.67	1.207
2,5-DiCB	9		D	34.7	8.52	1.61	1.145
2,6-DiCB	10		K D J	14.2	8.64	1.97	1.014
3,3'-DiCB	11		U D		9.87		
3,4-DiCB	12	12 + 13	C K D J	19.5	9.59	1.99	0.985
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U D		9.10		
4,4'-DiCB	15		D	227	12.4	1.76	1.001
2,2',3-TriCB	16		D	80.8	3.51	1.18	1.165
2,2',4-TriCB	17		D	514	3.00	1.11	1.138
2,2',5-TriCB	18	18 + 30	C B D	2290	2.54	1.03	1.113
2,2',6-TriCB	19		D	299	3.47	0.98	1.001
2,3,3'-TriCB	20	20 + 28	C B D	7990	5.33	1.04	0.848
2,3,4-TriCB	21	21 + 33	C D	313	5.32	1.03	0.857
2,3,4'-TriCB	22		D	523	5.97	1.03	0.872
2,3,5-TriCB	23		U D		5.73		
2,3,6-TriCB	24		D	47.0	2.22	0.99	1.158
2,3',4-TriCB	25		D	1120	4.76	1.04	0.825
2,3',5-TriCB	26	26 + 29	C D	3530	5.46	1.04	1.300
2,3',6-TriCB	27		D	427	2.14	1.10	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		D	4170	5.17	1.04	0.836
2,4',6-TriCB	32		D	1080	5.15	1.04	1.196
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		D	40.2	5.66	1.00	1.272
3,3',4-TriCB	35		U D		6.27		
3,3',5-TriCB	36		U D		5.49		
3,4,4'-TriCB	37		D	1240	6.77	1.05	1.001
3,4,5-TriCB	38		K D J	22.5	5.64	1.38	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		D	32.8	5.56	0.88	0.946
2,2',3,3'-TeCB	40	40 + 41 + 71	C B D	2830	2.84	0.79	1.336
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		D	1210	2.94	0.78	1.310
2,2',3,5-TeCB	43		D	457	3.29	0.80	1.247
2,2',3,5'-TeCB	44	44 + 47 + 65	C B D	15300	2.57	0.78	1.285
2,2',3,6-TeCB	45	45 + 51	C B D	1060	2.89	0.79	1.147
2,2',3,6'-TeCB	46		D	331	3.30	0.82	1.160
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		D	1070	2.88	0.80	1.272
2,2',4,5'-TeCB	49	49 + 69	C B D	21800	2.44	0.79	1.258
2,2',4,6-TeCB	50	50 + 53	C B D	2870	2.81	0.78	1.110
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B D	48100	2.67	0.79	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		D J	23.2	2.36	0.71	1.000
2,3,3',4-TeCB	55		U D		18.3		
2,3,3',4'-TeCB	56		D	1360	18.2	0.78	0.904
2,3,3',5-TeCB	57		D	251	17.1	0.78	0.843
2,3,3',5'-TeCB	58		D	119	17.6	0.88	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B D	2070	2.14	0.78	1.301
2,3,4,4'-TeCB	60		B D	2510	18.4	0.79	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B D	23800	16.6	0.79	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		D	814	16.4	0.79	0.864
2,3,4',6-TeCB	64		B D	5150	2.07	0.79	1.347
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B D	15000	16.8	0.79	0.884
2,3',4,5-TeCB	67		D	664	15.3	0.78	0.856
2,3',4,5'-TeCB	68		D	489	16.2	0.82	0.831
2,3',4,6-TeCB	69	49 + 69	C49				
2,3',4',5-TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6-TeCB	71	40 + 41 + 71	C40				
2,3',5,5'-TeCB	72		D	918	16.3	0.82	0.822
2,3',5',6-TeCB	73		U D		2.19		
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		D	1180	19.9	0.78	1.000
3,3',4,5-TeCB	78		U D		18.8		
3,3',4,5'-TeCB	79		D	654	15.0	0.66	0.969
3,3',5,5'-TeCB	80		U D		16.3		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B D	1290	21.4	1.53	0.934
2,2',3,3',5-PeCB	83	83 + 99	C B D	75900	19.0	1.57	0.886
2,2',3,3',6-PeCB	84		D	7470	21.8	1.59	1.163
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C D	5960	16.0	1.59	0.919
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B D	34400	16.5	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 D	10100	19.3	1.60	1.154
2,2',3,4,6'-PeCB	89		D	120	20.4	1.67	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B D	111000	16.7	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B D	21400	19.2	1.57	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C B D	67300	18.6	1.57	1.121
2,2',3,5,6'-PeCB	94		D	189	20.9	1.59	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		D	228	4.31	1.49	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		D	3050	17.2	1.59	1.094
2,2',4,6,6'-PeCB	104		K D J	11.3	4.90	2.10	1.001
2,3,3',4,4'-PeCB	105		B D	22400	117	1.55	1.000
2,3,3',4,5-PeCB	106		U D		102		
2,3,3',4',5-PeCB	107	107 + 124	C D	1710	112	1.47	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B D	5710	100	1.55	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B D	62500	14.1	1.58	0.925
2,3,3',5,5'-PeCB	111		D	180	14.6	1.62	0.945
2,3,3',5,6-PeCB	112		U D		14.3		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		D	1310	120	1.56	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 D	76200	107	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		D	1160	13.9	1.66	0.959
2,3',4,5',6-PeCB	121		D	136	14.6	1.64	1.199
2',3,3',4,5-PeCB	122		D	491	119	1.58	1.010
2',3,4,4',5-PeCB	123		D	1210	118	1.56	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		U D		113		
2,2',3,3',4,4'-HxCB	128	128 + 166	C B D	14900	98.8	1.25	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	198000	98.0	1.26	0.929
2,2',3,3',4,5'-HxCB	130		D	9510	125	1.27	0.913
2,2',3,3',4,6-HxCB	131		B D	724	116	1.24	1.159
2,2',3,3',4,6'-HxCB	132		B D	21800	120	1.25	1.175
2,2',3,3',5,5'-HxCB	133		D	4480	113	1.24	1.191
2,2',3,3',5,6-HxCB	134	134 + 143	C D	6360	117	1.31	1.140
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B D	68600	5.53	1.25	1.104
2,2',3,3',6,6'-HxCB	136		D	17200	4.28	1.25	1.025
2,2',3,4,4',5-HxCB	137		B D	5190	112	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 D	2900	104	1.23	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B D	23800	107	1.27	0.904
2,2',3,4,5,6-HxCB	142		U D		119		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		D	7170	5.75	1.26	1.122
2,2',3,4,6,6'-HxCB	145		U D		4.52		
2,2',3,4',5,5'-HxCB	146		B D	41000	95.8	1.26	0.885
2,2',3,4',5,6-HxCB	147	147 + 149	C B D	111000	103	1.26	1.133
2,2',3,4',5,6'-HxCB	148		D	699	5.78	1.29	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		D	612	4.32	1.23	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		D	53.6	4.18	1.30	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	264000	85.4	1.26	0.899
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		D	48.2	4.08	1.38	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B D	14800	113	1.27	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		D	16100	76.5	1.26	0.938
2,3,3',4,5,5'-HxCB	159		D	935	84.4	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		U D		82.3		
2,3,3',4',5,5'-HxCB	162		K D	308	84.3	1.56	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		D	7530	82.6	1.27	0.921
2,3,3',5,5',6-HxCB	165		D	188	92.4	1.35	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		B D	6490	84.6	1.26	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 D	48100	7.30	1.05	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C D	14700	7.05	1.06	1.163
2,2',3,3',4,5,5'-HpCB	172		D	8030	7.34	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		D	17600	6.51	1.05	1.133
2,2',3,3',4,5',6-HpCB	175		D	2090	6.45	1.07	1.102
2,2',3,3',4,6,6'-HpCB	176		D	4210	4.84	1.06	1.034
2,2',3,3',4',5,6-HpCB	177		D	26600	6.63	1.05	1.145
2,2',3,3',5,5',6-HpCB	178		D	12900	6.60	1.05	1.085
2,2',3,3',5,6,6'-HpCB	179		D	18000	4.78	1.06	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B D	134000	5.66	1.06	0.910
2,2',3,4,4',5,6-HpCB	181		D	298	6.69	1.18	1.156
2,2',3,4,4',5,6'-HpCB	182		D	726	6.17	1.03	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B D	44800	6.29	1.06	1.127
2,2',3,4,4',6,6'-HpCB	184		D	34.3	4.61	1.05	1.024
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U D		4.97		
2,2',3,4',5,5',6-HpCB	187		B D	85600	6.08	1.06	1.110
2,2',3,4',5,6,6'-HpCB	188		D	127	4.77	1.06	1.000
2,3,3',4,4',5,5'-HpCB	189		D	1420	18.5	1.08	1.000
2,3,3',4,4',5,6-HpCB	190		B D	11400	5.39	1.05	0.947
2,3,3',4,4',5',6-HpCB	191		D	2350	5.33	1.05	0.918
2,3,3',4,5,5',6-HpCB	192		U D		5.78		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	18700	7.13	0.90	0.991
2,2',3,3',4,4',5,6-OcCB	195		D	8040	7.57	0.89	0.946
2,2',3,3',4,4',5,6'-OcCB	196		D	11100	0.658	0.91	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C D	1860	0.471	0.92	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	15900	0.671	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		D	2840	0.471	0.91	1.023
2,2',3,3',5,5',6,6'-OcCB	202		D	5220	0.558	0.91	1.000
2,2',3,4,4',5,5',6-OcCB	203		D	15500	0.628	0.91	0.920
2,2',3,4,4',5,6,6'-OcCB	204		K D J	5.76	0.469	1.72	1.039
2,3,3',4,4',5,5',6-OcCB	205		D	1020	6.27	0.90	1.000
2,2',3,3',4,4',5,5',6-NoCB	206		D	3130	2.72	0.80	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207		D	448	1.87	0.79	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		D	530	2.09	0.78	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		D	179	0.923	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; D = dilution data; 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 08

CLIENT SAMPLE NO.
LDW-05-T3-D-SS-WB-COMP1
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-2
Matrix:	TISSUE	**Sample Size:**	2.81 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	08-May-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	01-Aug-2006 **Time:** 02:31:32	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT63_189B S: 6**
Injection Volume (uL):	2.0	**Blank Data Filename:**	DT63_189B S: 4
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT63_189B 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
3,3',4,4'-TeCB	77		X				
3,4,4',5-TeCB	81		B	67.3	0.352	0.73	1.001
2,3,3',4,4'-PeCB	105		X				
2,3,4,4',5-PeCB	114		X				
2,3',4,4',5-PeCB	118		X				
2',3,4,4',5-PeCB	123		X				
3,3',4,4',5-PeCB	126			104	13.6	1.45	1.001
2,3,3',4,4',5-HxCB	156		X				
2,3,3',4,4',5'-HxCB	157		X				
2,3',4,4',5,5'-HxCB	167		X				
3,3',4,4',5,5'-HxCB	169		B	3.78	1.56	1.30	1.001
2,2',3,3',4,4',5-HpCB	170		X				
2,2',3,4,4',5,5'-HpCB	180		X				
2,3,3',4,4',5,5'-HpCB	189		X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T1-M-ES-WB-COMP3
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-3
Matrix:	TISSUE	**Sample Size:**	2.77 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	05-Jun-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	25-Jul-2006 **Time:** 01:20:03	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	400	**Sample Data Filename:**	**PB6C_328A S: 6**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB6C_327 S: 5
Dilution Factor:	20	**Cal. Ver. Data Filename:**	PB6C_328A S: 2
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		D J	12.4	1.72	2.69	1.000
3-MoCB	2		D J	2.62	2.18	3.40	0.987
4-MoCB	3		K D J	5.15	2.53	4.48	1.000
2,2'-DiCB	4		D	150	13.7	1.68	1.001
2,3-DiCB	5		U D		11.6		
2,3'-DiCB	6		D	158	10.5	1.62	1.175
2,4-DiCB	7		K D J	19.7	10.7	2.31	1.158
2,4'-DiCB	8		D	488	9.47	1.56	1.206
2,5-DiCB	9		K D	34.2	10.3	1.23	1.146
2,6-DiCB	10		U D		10.4		
3,3'-DiCB	11		U D		11.9		
3,4-DiCB	12	12 + 13	C U D		11.6		
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U D		11.0		
4,4'-DiCB	15		U D		14.6		
2,2',3-TriCB	16		D	819	3.21	1.05	1.165
2,2',4-TriCB	17		D	2230	2.74	1.06	1.138
2,2',5-TriCB	18	18 + 30	C B D	3650	2.32	1.05	1.113
2,2',6-TriCB	19		D	356	3.19	1.06	1.001
2,3,3'-TriCB	20	20 + 28	C B D	11500	7.71	1.04	0.847
2,3,4-TriCB	21	21 + 33	C D	2620	7.70	1.04	0.857
2,3,4'-TriCB	22		D	1820	8.63	1.05	0.872
2,3,5-TriCB	23		U D		8.28		
2,3,6-TriCB	24		D	68.6	2.04	1.01	1.158
2,3',4-TriCB	25		D	582	6.88	0.99	0.825
2,3',5-TriCB	26	26 + 29	C D	1820	7.90	1.03	1.301
2,3',6-TriCB	27		D	547	1.95	1.04	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		D	4900	7.47	1.04	0.836
2,4',6-TriCB	32		D	2160	7.45	1.03	1.196
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		D	52.9	8.19	1.05	1.272
3,3',4-TriCB	35		U D		9.06		
3,3',5-TriCB	36		U D		7.94		
3,4,4'-TriCB	37		D	406	9.82	1.02	1.001
3,4,5-TriCB	38		K D	37.7	8.15	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		D	193	8.03	1.00	0.946
2,2',3,3'-TeCB	40	40 + 41 + 71	C B D	12100	3.92	0.78	1.336
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		D	7510	4.06	0.79	1.310
2,2',3,5-TeCB	43		D	1540	4.54	0.80	1.245
2,2',3,5'-TeCB	44	44 + 47 + 65	C B D	24400	3.55	0.79	1.286
2,2',3,6-TeCB	45	45 + 51	C B D	3320	3.98	0.79	1.146
2,2',3,6'-TeCB	46		D	393	4.56	0.79	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		D	5810	3.97	0.79	1.273
2,2',4,5'-TeCB	49	49 + 69	C B D	31100	3.37	0.79	1.258
2,2',4,6-TeCB	50	50 + 53	C B D	2800	3.87	0.79	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B D	47300	3.69	0.79	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		D	48.7	3.18	0.78	1.001
2,3,3',4-TeCB	55		U D		67.6		
2,3,3',4'-TeCB	56		D	2590	67.4	0.79	0.904
2,3,3',5-TeCB	57		D	104	63.4	0.81	0.843
2,3,3',5'-TeCB	58		U D		65.2		
2,3,3',6-TeCB	59	59 + 62 + 75	C B D	3610	2.95	0.80	1.300
2,3,4,4'-TeCB	60		B D	9000	68.2	0.79	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B D	50900	61.6	0.79	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		D	1840	60.8	0.79	0.864
2,3,4',6-TeCB	64		B D	14700	2.86	0.79	1.347
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B D	40500	62.0	0.79	0.884
2,3',4,5-TeCB	67		D	339	56.5	0.83	0.856
2,3',4,5'-TeCB	68		K D	192	59.8	1.00	0.831
2,3',4,6-TeCB	69	49 + 69	C49				
2,3',4',5-TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6-TeCB	71	40 + 41 + 71	C40				
2,3',5,5'-TeCB	72		D	506	60.2	0.77	0.822
2,3',5',6-TeCB	73		U D		3.03		
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		D	419	75.4	0.75	1.000
3,3',4,5-TeCB	78		U D		69.6		
3,3',4,5'-TeCB	79		D	1100	55.6	0.77	0.969
3,3',5,5'-TeCB	80		U D		60.3		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B D	6010	69.5	1.62	0.934
2,2',3,3',5-PeCB	83	83 + 99	C B D	92100	61.9	1.59	0.886
2,2',3,3',6-PeCB	84		D	8310	70.8	1.58	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C D	23200	52.1	1.56	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B D	69500	53.8	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 B D	14900	62.8	1.57	1.155
2,2',3,4,6'-PeCB	89		D	481	66.3	1.60	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B D	164000	54.4	1.58	0.869
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B D	26200	62.5	1.59	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C B D	53500	60.3	1.59	1.121
2,2',3,5,6'-PeCB	94		D	243	67.9	1.63	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		D	285	4.67	1.70	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		D	2080	55.9	1.61	1.094
2,2',4,6,6'-PeCB	104		D	32.6	5.43	1.62	1.001
2,3,3',4,4'-PeCB	105		B D	43400	156	1.56	1.000
2,3,3',4,5-PeCB	106		U D		136		
2,3,3',4',5-PeCB	107	107 + 124	C D	2500	149	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 D	8640	134	1.56	0.998
2,3,3',4',6-PeCB	110	110 + 115	C B D	108000	45.9	1.58	0.925
2,3,3',5,5'-PeCB	111		D	88.2	47.3	1.75	0.945
2,3,3',5,6-PeCB	112		U D		46.4		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		D	2750	156	1.64	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 D	137000	144	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		D	619	45.3	1.59	0.959
2,3',4,5',6-PeCB	121		U D		47.4		
2',3,3',4,5-PeCB	122		U D		159		
2',3,4,4',5-PeCB	123		D	2190	160	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		U D		151		
2,2',3,3',4,4'-HxCB	128	128 + 166	C B D	24900	92.2	1.25	0.958
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	241000	91.5	1.26	0.928
2,2',3,3',4,5'-HxCB	130		D	11400	117	1.27	0.913
2,2',3,3',4,6-HxCB	131		B D	1350	108	1.28	1.159
2,2',3,3',4,6'-HxCB	132		B D	39300	112	1.26	1.175
2,2',3,3',5,5'-HxCB	133		D	3340	105	1.28	1.191
2,2',3,3',5,6-HxCB	134	134 + 143	C D	6870	109	1.30	1.140
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B D	68900	5.64	1.26	1.104
2,2',3,3',6,6'-HxCB	136		D	15500	4.36	1.26	1.025
2,2',3,4,4',5-HxCB	137		B D	6980	104	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 D	3810	97.0	1.26	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B D	32500	100	1.27	0.903
2,2',3,4,5,6-HxCB	142		U D		111		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		D	10600	5.85	1.25	1.122
2,2',3,4,6,6'-HxCB	145		K D	55.8	4.61	1.93	1.035
2,2',3,4',5,5'-HxCB	146		B D	36500	89.4	1.26	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B D	143000	96.0	1.26	1.133
2,2',3,4',5,6'-HxCB	148		D	424	5.89	1.23	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		D	444	4.40	1.29	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		D	89.3	4.26	1.33	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	281000	79.8	1.26	0.899
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		D	57.4	4.16	1.23	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B D	19800	105	1.26	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		D	19000	71.4	1.28	0.938
2,3,3',4,5,5'-HxCB	159		D	1670	78.8	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		U D		76.8		
2,3,3',4',5,5'-HxCB	162		K D	522	78.7	1.50	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		D	10200	77.1	1.26	0.921
2,3,3',5,5',6-HxCB	165		U D		86.2		
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		B D	8070	80.4	1.29	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 D	42600	8.42	1.06	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C D	15400	8.14	1.05	1.163
2,2',3,3',4,5,5'-HpCB	172		D	8160	8.47	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		D	33300	7.51	1.06	1.133
2,2',3,3',4,5',6-HpCB	175		D	2150	7.44	1.05	1.102
2,2',3,3',4,6,6'-HpCB	176		D	6290	5.58	1.05	1.034
2,2',3,3',4',5,6-HpCB	177		D	28700	7.65	1.04	1.145
2,2',3,3',5,5',6-HpCB	178		D	11700	7.62	1.05	1.085
2,2',3,3',5,6,6'-HpCB	179		D	21900	5.52	1.05	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B D	109000	6.53	1.06	0.910
2,2',3,4,4',5,6-HpCB	181		D	418	7.72	1.05	1.156
2,2',3,4,4',5,6'-HpCB	182		D	645	7.11	1.02	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B D	46200	7.26	1.06	1.127
2,2',3,4,4',6,6'-HpCB	184		D	46.8	5.32	0.89	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U D		5.74		
2,2',3,4',5,5',6-HpCB	187		B D	87300	7.01	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188		D	201	5.64	1.07	1.000
2,3,3',4,4',5,5'-HpCB	189		D	1370	18.1	1.09	1.000
2,3,3',4,4',5,6-HpCB	190		B D	11100	6.22	1.06	0.947
2,3,3',4,4',5',6-HpCB	191		D	2300	6.15	1.06	0.918
2,3,3',4,5,5',6-HpCB	192		U D		6.68		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	19900	16.1	0.88	0.991
2,2',3,3',4,4',5,6-OcCB	195		D	7140	17.1	0.89	0.946
2,2',3,3',4,4',5,6'-OcCB	196		D	11300	1.03	0.91	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C D	3410	0.738	0.92	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	25900	1.05	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		D	3640	0.737	0.91	1.023
2,2',3,3',5,5',6,6'-OcCB	202		D	7330	0.908	0.90	1.000
2,2',3,4,4',5,5',6-OcCB	203		D	18600	0.982	0.91	0.920
2,2',3,4,4',5,6,6'-OcCB	204		K D J	8.27	0.734	0.59	1.039
2,3,3',4,4',5,5',6-OcCB	205		D	1070	13.7	0.85	1.001
2,2',3,3',4,4',5,5',6-NoCB	206		D	7680	1.75	0.79	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207		D	979	1.23	0.80	1.019
2,2',3,3',4,5,5',6,6'-NoCB	208		D	2150	1.39	0.78	1.000
2,2',3,3',4,4',5,5',6,6'-DeCB	209		D	1050	1.25	0.72	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; D = dilution data; 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 08

CLIENT SAMPLE NO.
LDW-05-T1-M-ES-WB-COMP3
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-3
Matrix:	TISSUE	**Sample Size:**	2.77 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	08-May-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	01-Aug-2006 **Time:** 03:11:06	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT63_189B S: 7**
Injection Volume (uL):	2.0	**Blank Data Filename:**	DT63_189B S: 4
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT63_189B 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
3,3',4,4'-TeCB	77		X				
3,4,4',5-TeCB	81		B	83.4	0.218	0.73	1.002
2,3,3',4,4'-PeCB	105		X				
2,3,4,4',5-PeCB	114		X				
2,3',4,4',5-PeCB	118		X				
2',3,4,4',5-PeCB	123		X				
3,3',4,4',5-PeCB	126			169	18.7	1.44	1.001
2,3,3',4,4',5-HxCB	156		X				
2,3,3',4,4',5'-HxCB	157		X				
2,3',4,4',5,5'-HxCB	167		X				
3,3',4,4',5,5'-HxCB	169		B	7.13	2.35	1.12	1.000
2,2',3,3',4,4',5-HpCB	170		X				
2,2',3,4,4',5,5'-HpCB	180		X				
2,3,3',4,4',5,5'-HpCB	189		X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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Report Filename: 1668_PCB1668_DB1_L9071-3_Form1A_SJ579856.html; Workgroup: WG19626; Design ID: 240]

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

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T2-M-ES-WB-COMP3
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-4
Matrix:	TISSUE	**Sample Size:**	2.78 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	05-Jun-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	25-Jul-2006 **Time:** 02:24:30	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	400	**Sample Data Filename:**	**PB6C_328A S: 7**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB6C_327 S: 5
Dilution Factor:	20	**Cal. Ver. Data Filename:**	PB6C_328A S: 2
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		D J	27.8	1.50	3.24	1.001
3-MoCB	2		K D J	4.12	1.87	2.49	0.987
4-MoCB	3		K D J	6.90	2.12	4.71	1.001
2,2'-DiCB	4		D	384	13.4	1.56	1.001
2,3-DiCB	5		K D J	12.5	11.0	2.58	1.197
2,3'-DiCB	6		D	408	9.89	1.56	1.175
2,4-DiCB	7		K D	41.4	10.1	1.91	1.158
2,4'-DiCB	8		D	1060	8.95	1.58	1.206
2,5-DiCB	9		D	63.9	9.72	1.59	1.146
2,6-DiCB	10		D J	26.1	9.86	1.65	1.014
3,3'-DiCB	11		U D		11.3		
3,4-DiCB	12	12 + 13	C K D J	24.0	10.9	3.05	0.985
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U D		10.4		
4,4'-DiCB	15		U D		23.4		
2,2',3-TriCB	16		D	1350	3.62	1.05	1.165
2,2',4-TriCB	17		D	3410	3.09	1.05	1.137
2,2',5-TriCB	18	18 + 30	C B D	6730	2.62	1.06	1.113
2,2',6-TriCB	19		D	695	3.62	1.03	1.001
2,3,3'-TriCB	20	20 + 28	C B D	22400	16.2	1.04	0.847
2,3,4-TriCB	21	21 + 33	C D	5350	16.2	1.02	0.857
2,3,4'-TriCB	22		D	4000	18.1	1.05	0.872
2,3,5-TriCB	23		U D		17.4		
2,3,6-TriCB	24		D	117	2.30	1.00	1.159
2,3',4-TriCB	25		D	1370	14.5	1.03	0.825
2,3',5-TriCB	26	26 + 29	C D	3560	16.6	1.05	1.301
2,3',6-TriCB	27		D	892	2.20	1.02	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		D	12000	15.7	1.03	0.836
2,4',6-TriCB	32		D	2800	15.7	1.04	1.197
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		D	115	17.2	1.11	1.273
3,3',4-TriCB	35		U D		19.0		
3,3',5-TriCB	36		U D		16.7		
3,4,4'-TriCB	37		D	815	20.5	1.06	1.001
3,4,5-TriCB	38		D	64.8	17.1	1.08	0.967

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		D	189	16.9	1.06	0.946
2,2',3,3'-TeCB	40	40 + 41 + 71	C B D	14400	4.08	0.79	1.336
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		D	11700	4.21	0.79	1.310
2,2',3,5-TeCB	43		D	2540	4.71	0.83	1.245
2,2',3,5'-TeCB	44	44 + 47 + 65	C B D	38200	3.69	0.79	1.286
2,2',3,6-TeCB	45	45 + 51	C B D	5280	4.14	0.79	1.146
2,2',3,6'-TeCB	46		D	792	4.74	0.79	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		D	5760	4.13	0.79	1.273
2,2',4,5'-TeCB	49	49 + 69	C B D	49200	3.50	0.79	1.258
2,2',4,6-TeCB	50	50 + 53	C B D	4920	4.02	0.79	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B D	73200	3.84	0.79	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		D	71.0	3.33	0.80	1.001
2,3,3',4-TeCB	55		U D		79.1		
2,3,3',4'-TeCB	56		D	7630	78.8	0.80	0.904
2,3,3',5-TeCB	57		D	334	74.1	0.78	0.844
2,3,3',5'-TeCB	58		D	245	76.3	0.81	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B D	5670	3.07	0.79	1.301
2,3,4,4'-TeCB	60		B D	12500	79.8	0.80	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B D	88000	72.0	0.79	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		D	2750	71.1	0.80	0.864
2,3,4',6-TeCB	64		B D	23400	2.97	0.79	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B D	59100	72.5	0.80	0.884
2,3',4,5-TeCB	67		D	883	66.1	0.70	0.856
2,3',4,5'-TeCB	68		D	562	69.9	0.70	0.831
2,3',4,6-TeCB	69	49 + 69	C49				
2,3',4',5-TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6-TeCB	71	40 + 41 + 71	C40				
2,3',5,5'-TeCB	72		D	1100	70.4	0.72	0.822
2,3',5',6-TeCB	73		U D		3.15		
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		D	1350	87.4	0.78	1.000
3,3',4,5-TeCB	78		U D		81.4		
3,3',4,5'-TeCB	79		D	1420	65.1	0.77	0.969
3,3',5,5'-TeCB	80		U D		70.6		
3,4,4',5-TeCB	81		X				
2,2',3,3',4-PeCB	82		B D	8930	40.4	1.56	0.934
2,2',3,3',5-PeCB	83	83 + 99	C B D	115000	36.0	1.58	0.886
2,2',3,3',6-PeCB	84		D	16600	41.2	1.58	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C D	25500	30.3	1.57	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B D	88400	31.2	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 B D	22000	36.5	1.59	1.155
2,2',3,4,6'-PeCB	89		D	771	38.6	1.55	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B D	199000	31.6	1.58	0.870
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B D	32600	36.3	1.58	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C B D	87600	35.1	1.57	1.121
2,2',3,5,6'-PeCB	94		D	449	39.4	1.53	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		D	503	4.63	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		D	3170	32.5	1.57	1.094
2,2',4,6,6'-PeCB	104		D J	27.0	5.45	1.39	1.001
2,3,3',4,4'-PeCB	105		B D	49200	181	1.55	1.000
2,3,3',4,5-PeCB	106		U D		157		
2,3,3',4',5-PeCB	107	107 + 124	C D	4330	173	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 D	11300	155	1.54	0.998
2,3,3',4',6-PeCB	110	110 + 115	C B D	153000	26.7	1.58	0.925
2,3,3',5,5'-PeCB	111		K D	135	27.5	1.17	0.945
2,3,3',5,6-PeCB	112		U D		27.0		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		D	3620	185	1.50	1.000
2,3,4,4',6-PeCB	115	110 + 115	C110				
2,3,4,5,6-PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6-PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5-PeCB	118		OLR B D	159000	158	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		D	958	26.3	1.52	0.959
2,3',4,5',6-PeCB	121		K D	97.8	27.6	1.82	1.199
2',3,3',4,5-PeCB	122		D	744	184	1.34	1.010
2',3,4,4',5-PeCB	123		D	2370	190	1.56	1.001
2',3,4,5,5'-PeCB	124	107 + 124	C107				
2',3,4,5,6'-PeCB	125	86 + 87 + 97 + 108 + 119 + 125	C86				
3,3',4,4',5-PeCB	126		X				
3,3',4,5,5'-PeCB	127		U D		175		
2,2',3,3',4,4'-HxCB	128	128 + 166	C B D	23800	106	1.25	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	284000	105	1.26	0.928
2,2',3,3',4,5'-HxCB	130		D	13500	134	1.26	0.913
2,2',3,3',4,6-HxCB	131		B D	1840	124	1.32	1.159
2,2',3,3',4,6'-HxCB	132		B D	51300	128	1.27	1.175
2,2',3,3',5,5'-HxCB	133		D	4760	121	1.25	1.191
2,2',3,3',5,6-HxCB	134	134 + 143	C D	9970	125	1.27	1.140
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B D	80600	5.92	1.26	1.105
2,2',3,3',6,6'-HxCB	136		D	19600	4.58	1.26	1.025
2,2',3,4,4',5-HxCB	137		B D	9130	119	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 D	4700	111	1.28	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B D	45700	115	1.27	0.904
2,2',3,4,5,6-HxCB	142		U D		127		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		D	11200	6.14	1.25	1.122
2,2',3,4,6,6'-HxCB	145		K D	76.8	4.83	2.54	1.035
2,2',3,4',5,5'-HxCB	146		B D	43600	102	1.27	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B D	188000	110	1.26	1.133
2,2',3,4',5,6'-HxCB	148		D	651	6.18	1.26	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		D	603	4.62	1.26	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		D	118	4.47	1.25	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	307000	91.3	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 D	46.2	4.46	0.95	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B D	24300	122	1.27	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		D	23900	81.8	1.27	0.938
2,3,3',4,5,5'-HxCB	159		D	2000	90.3	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		U D		88.0		
2,3,3',4',5,5'-HxCB	162		D	508	90.1	1.31	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		D	14100	88.3	1.27	0.921
2,3,3',5,5',6-HxCB	165		U D		98.7		
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		B D	9910	88.4	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 D	47100	8.02	1.06	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C D	16400	7.76	1.07	1.163
2,2',3,3',4,5,5'-HpCB	172		D	9330	8.07	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		D	39800	7.15	1.06	1.133
2,2',3,3',4,5',6-HpCB	175		D	2190	7.09	1.04	1.103
2,2',3,3',4,6,6'-HpCB	176		D	6290	5.32	1.08	1.034
2,2',3,3',4',5,6-HpCB	177		D	29600	7.29	1.06	1.145
2,2',3,3',5,5',6-HpCB	178		D	12700	7.26	1.06	1.085
2,2',3,3',5,6,6'-HpCB	179		D	18900	5.26	1.06	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B D	139000	6.23	1.05	0.910
2,2',3,4,4',5,6-HpCB	181		D	488	7.36	1.19	1.156
2,2',3,4,4',5,6'-HpCB	182		D	904	6.78	1.16	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B D	50300	6.92	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		D	38.8	5.07	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 D		5.47		
2,2',3,4',5,5',6-HpCB	187		B D	89800	6.68	1.06	1.110
2,2',3,4',5,6,6'-HpCB	188		D	146	5.06	1.04	1.000
2,3,3',4,4',5,5'-HpCB	189		D	1350	20.6	1.12	1.001
2,3,3',4,4',5,6-HpCB	190		B D	14200	5.93	1.06	0.947
2,3,3',4,4',5',6-HpCB	191		D	3000	5.86	1.06	0.918
2,3,3',4,5,5',6-HpCB	192		U D		6.36		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	16300	16.2	0.88	0.991
2,2',3,3',4,4',5,6-OcCB	195		D	7300	17.2	0.89	0.946
2,2',3,3',4,4',5,6'-OcCB	196		D	11900	1.45	0.91	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C D	2720	1.04	0.89	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	21700	1.48	0.92	1.115
2,2',3,3',4,5,5',6'-OcCB	199	198 + 199	C198				
2,2',3,3',4,5,6,6'-OcCB	200	197 + 200	C197				
2,2',3,3',4,5',6,6'-OcCB	201		D	2490	1.04	0.89	1.023
2,2',3,3',5,5',6,6'-OcCB	202		D	5040	1.26	0.92	1.001
2,2',3,4,4',5,5',6-OcCB	203		D	17600	1.38	0.91	0.920
2,2',3,4,4',5,6,6'-OcCB	204		K D J	4.77	1.03	1.70	1.039
2,3,3',4,4',5,5',6-OcCB	205		D	1150	13.9	0.89	1.001
2,2',3,3',4,4',5,5',6-NoCB	206		D	4190	2.06	0.80	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207		D	471	1.44	0.82	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		D	1120	1.62	0.80	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		D	596	0.756	0.73	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; D = dilution data; J = concentration less than LMCL; C = co-eluting congener; X = result reported separately.

NOTE: OLR = outside calibrated linear range

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T2-M-ES-WB-COMP3
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-4
Matrix:	TISSUE	**Sample Size:**	2.78 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	08-May-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	01-Aug-2006 **Time:** 03:50:44	**GC Column ID:**	DB1
Extract Volume (uL):	20	**Sample Data Filename:**	**DT63_189B S: 8**
Injection Volume (uL):	2.0	**Blank Data Filename:**	DT63_189B S: 4
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	DT63_189B 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
3,3',4,4'-TeCB	77		X				
3,4,4',5-TeCB	81		B	142	0.465	0.74	1.001
2,3,3',4,4'-PeCB	105		X				
2,3,4,4',5-PeCB	114		X				
2,3',4,4',5-PeCB	118		X				
2',3,4,4',5-PeCB	123		X				
3,3',4,4',5-PeCB	126			192	28.9	1.42	1.001
2,3,3',4,4',5-HxCB	156		X				
2,3,3',4,4',5'-HxCB	157		X				
2,3',4,4',5,5'-HxCB	167		X				
3,3',4,4',5,5'-HxCB	169		B	6.16	0.828	1.09	1.001
2,2',3,3',4,4',5-HpCB	170		X				
2,2',3,4,4',5,5'-HpCB	180		X				
2,3,3',4,4',5,5'-HpCB	189		X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; X = result reported separately.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form16681A.xsl; Created: 24-Aug-2006 12:49:12; Application: XMLTransformer-1.7.9; Report Filename: 1668_PCB1668_DB1_L9071-4_Form1A_SJ579857.html; Workgroup: WG19626; Design ID: 240]

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

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T3-M-ES-WB-COMP2
Sample Collection:
N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	L9071-5 W (A)
Matrix:	TISSUE	**Sample Size:**	10.0 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	05-Jun-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	26-Jul-2006 **Time:** 12:26:44	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	400	**Sample Data Filename:**	**PB6C_330 S: 5**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB6C_327 S: 5
Dilution Factor:	20	**Cal. Ver. Data Filename:**	PB6C_330 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		D	17.2	0.614	3.03	1.001
3-MoCB	2		D J	2.94	0.676	2.82	0.988
4-MoCB	3		K D J	3.93	0.721	3.67	1.000
2,2'-DiCB	4		D	221	6.55	1.58	1.000
2,3-DiCB	5		K D J	6.45	5.17	4.26	1.196
2,3'-DiCB	6		D	238	4.74	1.54	1.175
2,4-DiCB	7		K D	18.0	4.86	1.87	1.158
2,4'-DiCB	8		D	452	4.40	1.58	1.206
2,5-DiCB	9		D	28.9	4.70	1.73	1.144
2,6-DiCB	10		D	12.4	4.88	1.58	1.013
3,3'-DiCB	11		U D		4.95		
3,4-DiCB	12	12 + 13	C K D J	15.1	4.97	2.46	0.984
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U D		4.81		
4,4'-DiCB	15		U D		24.1		
2,2',3-TriCB	16		D	689	1.46	1.08	1.165
2,2',4-TriCB	17		D	1910	1.20	1.05	1.137
2,2',5-TriCB	18	18 + 30	C B D	3400	1.03	1.04	1.113
2,2',6-TriCB	19		D	350	1.27	1.08	1.000
2,3,3'-TriCB	20	20 + 28	C B D	7700	2.86	1.04	0.848
2,3,4-TriCB	21	21 + 33	C D	1540	2.87	1.01	0.857
2,3,4'-TriCB	22		D	1370	3.15	1.04	0.872
2,3,5-TriCB	23		K D J	4.88	3.11	0.60	1.282
2,3,6-TriCB	24		D	42.6	0.895	1.18	1.159
2,3',4-TriCB	25		D	1020	2.60	1.04	0.825
2,3',5-TriCB	26	26 + 29	C D	2700	2.88	1.03	1.300
2,3',6-TriCB	27		D	594	0.848	1.06	1.151
2,4,4'-TriCB	28	20 + 28	C20				
2,4,5-TriCB	29	26 + 29	C26				
2,4,6-TriCB	30	18 + 30	C18				
2,4',5-TriCB	31		D	4140	2.77	1.03	0.836
2,4',6-TriCB	32		D	1310	2.60	1.02	1.196
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		D	50.3	2.93	1.06	1.272
3,3',4-TriCB	35		U D		3.25		
3,3',5-TriCB	36		U D		2.91		
3,4,4'-TriCB	37		D	348	3.69	1.01	1.001
3,4,5-TriCB	38		K D	23.7	3.02	1.21	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		D	83.7	2.95	0.96	0.946
2,2',3,3'-TeCB	40	40 + 41 + 71	C B D	7250	0.551	0.79	1.337
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		D	4800	0.594	0.79	1.312
2,2',3,5-TeCB	43		D	779	0.682	0.78	1.247
2,2',3,5'-TeCB	44	44 + 47 + 65	C B D	18900	0.496	0.78	1.286
2,2',3,6-TeCB	45	45 + 51	C B D	2390	0.552	0.78	1.147
2,2',3,6'-TeCB	46		D	377	0.630	0.79	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		D	2920	0.560	0.78	1.274
2,2',4,5'-TeCB	49	49 + 69	C B D	25200	0.470	0.79	1.259
2,2',4,6-TeCB	50	50 + 53	C B D	2660	0.533	0.79	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B D	40100	0.505	0.79	1.234
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		D	31.9	0.338	0.77	1.002
2,3,3',4-TeCB	55		U D		26.9		
2,3,3',4'-TeCB	56		D	3040	26.4	0.78	0.904
2,3,3',5-TeCB	57		D	232	25.5	0.82	0.844
2,3,3',5'-TeCB	58		D	68.9	25.7	0.83	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B D	2340	0.414	0.78	1.302
2,3,4,4'-TeCB	60		B D	3480	26.9	0.77	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B D	29400	25.1	0.77	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		D	956	24.7	0.77	0.864
2,3,4',6-TeCB	64		B D	7770	0.402	0.79	1.348
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B D	20200	23.7	0.77	0.883
2,3',4,5-TeCB	67		D	447	22.3	0.75	0.856
2,3',4,5'-TeCB	68		D	371	24.5	0.83	0.831
2,3',4,6-TeCB	69	49 + 69	C49				
2,3',4',5-TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6-TeCB	71	40 + 41 + 71	C40				
2,3',5,5'-TeCB	72		D	724	24.3	0.77	0.822
2,3',5',6-TeCB	73		U D		0.396		
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		D	534	29.8	0.77	1.000
3,3',4,5-TeCB	78		U D		27.3		
3,3',4,5'-TeCB	79		D	568	21.5	0.76	0.970
3,3',5,5'-TeCB	80		U D		23.4		
3,4,4',5-TeCB	81		K D	41.0	30.9	0.92	1.000
2,2',3,3',4-PeCB	82		B D	3070	11.9	1.59	0.934
2,2',3,3',5-PeCB	83	83 + 99	C B D	51300	10.3	1.59	0.886
2,2',3,3',6-PeCB	84		D	7110	12.0	1.60	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C D	9890	8.81	1.57	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B D	34100	8.71	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 D	9790	10.8	1.58	1.155
2,2',3,4,6'-PeCB	89		D	295	11.1	1.53	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C B D	98000	9.31	1.58	0.870
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B D	16600	10.7	1.58	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C B D	45000	10.4	1.58	1.121
2,2',3,5,6'-PeCB	94		D	187	11.7	1.66	1.102
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		D	269	1.06	1.50	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		D	1350	9.61	1.58	1.093
2,2',4,6,6'-PeCB	104		D	10.9	0.922	1.77	1.001
2,3,3',4,4'-PeCB	105		B D	17900	58.2	1.55	1.000
2,3,3',4,5-PeCB	106		U D		52.0		
2,3,3',4',5-PeCB	107	107 + 124	C D	1580	54.2	1.57	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B D	4210	49.2	1.56	0.997
2,3,3',4',6-PeCB	110	110 + 115	C B D	67100	7.58	1.58	0.925
2,3,3',5,5'-PeCB	111		K D	74.2	8.07	1.17	0.945
2,3,3',5,6-PeCB	112		U D		7.58		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		D	1100	59.2	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 D	58700	45.0	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		D	443	7.73	1.49	0.959
2,3',4,5',6-PeCB	121		D	34.4	8.05	1.65	1.199
2',3,3',4,5-PeCB	122		D	289	57.5	1.62	1.010
2',3,4,4',5-PeCB	123		D	982	63.9	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		K D	50.4	40.0	1.84	1.000
3,3',4,5,5'-PeCB	127		U D		55.0		
2,2',3,3',4,4'-HxCB	128	128 + 166	C B D	9290	68.0	1.27	0.958
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	121000	73.1	1.26	0.929
2,2',3,3',4,5'-HxCB	130		D	4840	91.9	1.26	0.913
2,2',3,3',4,6-HxCB	131		B D	654	83.0	1.24	1.159
2,2',3,3',4,6'-HxCB	132		B D	21200	87.7	1.27	1.174
2,2',3,3',5,5'-HxCB	133		D	1700	83.1	1.25	1.191
2,2',3,3',5,6-HxCB	134	134 + 143	C D	3630	84.0	1.27	1.139
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B D	35600	1.16	1.27	1.103
2,2',3,3',6,6'-HxCB	136		D	9450	0.867	1.27	1.024
2,2',3,4,4',5-HxCB	137		B D	3220	79.7	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 D	1810	75.6	1.28	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B D	13700	80.2	1.27	0.903
2,2',3,4,5,6-HxCB	142		U D		86.5		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		D	4220	1.20	1.27	1.121
2,2',3,4,6,6'-HxCB	145		K D	22.3	0.843	1.96	1.034
2,2',3,4',5,5'-HxCB	146		B D	14300	61.7	1.26	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B D	78300	73.8	1.27	1.133
2,2',3,4',5,6'-HxCB	148		D	247	1.18	1.25	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		D	214	0.886	1.30	1.012
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		D	70.9	0.844	1.32	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C B D	141000	62.6	1.26	0.899
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		D	13.5	0.721	1.13	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B D	8100	91.8	1.27	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		D	8310	57.1	1.26	0.938
2,3,3',4,5,5'-HxCB	159		D	648	63.8	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		U D		53.8		
2,3,3',4',5,5'-HxCB	162		D	225	65.4	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		D	5000	61.8	1.26	0.921
2,3,3',5,5',6-HxCB	165		U D		67.7		
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		B D	3690	66.7	1.28	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		U D		84.5		
2,2',3,3',4,4',5-HpCB	170		B D	16200	3.76	1.05	0.937
2,2',3,3',4,4',6-HpCB	171	171 + 173	C D	5560	3.30	1.07	1.163
2,2',3,3',4,5,5'-HpCB	172		D	2890	3.58	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		D	12800	2.91	1.06	1.133
2,2',3,3',4,5',6-HpCB	175		D	768	2.90	1.05	1.102
2,2',3,3',4,6,6'-HpCB	176		D	2380	2.06	1.05	1.034
2,2',3,3',4',5,6-HpCB	177		D	10000	2.79	1.05	1.146
2,2',3,3',5,5',6-HpCB	178		D	4430	3.02	1.06	1.085
2,2',3,3',5,6,6'-HpCB	179		D	8390	2.08	1.05	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B D	46200	2.74	1.05	0.910
2,2',3,4,4',5,6-HpCB	181		D	145	3.08	1.06	1.156
2,2',3,4,4',5,6'-HpCB	182		D	217	2.82	1.02	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B D	16600	2.93	1.06	1.127
2,2',3,4,4',6,6'-HpCB	184		D	15.1	1.90	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 D		2.20		
2,2',3,4',5,5',6-HpCB	187		B D	31900	2.60	1.06	1.110
2,2',3,4',5,6,6'-HpCB	188		D	55.0	2.10	1.04	1.000
2,3,3',4,4',5,5'-HpCB	189		D	557	9.99	1.03	1.001
2,3,3',4,4',5,6-HpCB	190		B D	4140	2.75	1.07	0.947
2,3,3',4,4',5',6-HpCB	191		D	949	2.65	1.06	0.918
2,3,3',4,5,5',6-HpCB	192		U D		2.83		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	6530	7.31	0.90	0.991
2,2',3,3',4,4',5,6-OcCB	195		D	2530	7.73	0.91	0.946
2,2',3,3',4,4',5,6'-OcCB	196		D	4180	0.911	0.90	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C D	1140	0.614	0.91	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	8200	0.918	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		D	1120	0.594	0.90	1.022
2,2',3,3',5,5',6,6'-OcCB	202		D	2070	0.671	0.92	1.000
2,2',3,4,4',5,5',6-OcCB	203		D	6050	0.874	0.90	0.920
2,2',3,4,4',5,6,6'-OcCB	204		K D J	4.26	0.615	0.50	1.038
2,3,3',4,4',5,5',6-OcCB	205		D	381	6.00	0.91	1.000
2,2',3,3',4,4',5,5',6-NoCB	206		D	1150	1.43	0.77	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207		D	166	1.02	0.77	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		D	396	1.13	0.81	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		D	260	0.834	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; D = dilution data; J = concentration less than LMCL; C = co-eluting congener.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form16681A.xsl; Created: 24-Aug-2006 12:28:55; Application: XMLTransformer-1.7.9; Report Filename: 1668_PCB1668_PCBTF_L9071-5_Form1A_SJ579022.html; Workgroup: WG19626; Design ID: 240]

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

AXYS METHOD MLA-010 Rev 08

CLIENT SAMPLE NO.
LDW-05-T3-M-ES-WB-COMP2 (Duplicate)
Sample Collection: N/A

Form 1A

PCB CONGENER ANALYSIS REPORT

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	WG19626-104 W (DUP L9071-5)
Matrix:	TISSUE	**Sample Size:**	10.1 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	30-May-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	26-Jul-2006 **Time:** 13:31:11	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	400	**Sample Data Filename:**	**PB6C_330 S: 6**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB6C_327 S: 5
Dilution Factor:	20	**Cal. Ver. Data Filename:**	PB6C_330 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		D	18.8	0.615	3.30	1.001
3-MoCB	2		D J	2.48	0.648	3.17	0.987
4-MoCB	3		D J	3.69	0.662	3.44	1.000
2,2'-DiCB	4		D	263	5.37	1.52	1.000
2,3-DiCB	5		K D J	6.93	4.20	3.08	1.196
2,3'-DiCB	6		D	292	3.85	1.58	1.175
2,4-DiCB	7		D	23.2	3.95	1.63	1.158
2,4'-DiCB	8		D	560	3.58	1.57	1.206
2,5-DiCB	9		D	34.9	3.82	1.48	1.144
2,6-DiCB	10		D	14.0	3.96	1.73	1.013
3,3'-DiCB	11		U D		4.03		
3,4-DiCB	12	12 + 13	C D	16.1	4.04	1.44	0.984
3,4'-DiCB	13	12 + 13	C12				
3,5-DiCB	14		U D		3.91		
4,4'-DiCB	15		U D		33.0		
2,2',3-TriCB	16		D	844	1.27	1.09	1.165
2,2',4-TriCB	17		D	2340	1.05	1.05	1.137
2,2',5-TriCB	18	18 + 30	C B D	4130	0.897	1.04	1.113
2,2',6-TriCB	19		D	407	1.11	1.03	1.001
2,3,3'-TriCB	20	20 + 28	C B D	9610	1.97	1.04	0.848
2,3,4-TriCB	21	21 + 33	C D	1850	1.97	1.04	0.857
2,3,4'-TriCB	22		D	1660	2.17	1.04	0.872
2,3,5-TriCB	23		K D J	7.65	2.14	1.55	1.282
2,3,6-TriCB	24		D	53.3	0.783	1.05	1.159
2,3',4-TriCB	25		D	1220	1.78	1.03	0.825
2,3',5-TriCB	26	26 + 29	C D	3320	1.98	1.04	1.300
2,3',6-TriCB	27		D	726	0.742	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		D	5090	1.91	1.03	0.836
2,4',6-TriCB	32		D	1630	1.79	1.02	1.196
2',3,4-TriCB	33	21 + 33	C21				
2',3,5-TriCB	34		D	62.0	2.01	1.03	1.272
3,3',4-TriCB	35		U D		2.24		
3,3',5-TriCB	36		U D		2.00		
3,4,4'-TriCB	37		D	403	2.54	1.04	1.001
3,4,5-TriCB	38		D	27.2	2.07	1.08	0.968

COMPOUND	IUPAC NO.	CO-ELUTIONS	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT	ION ABUND. RATIO	RRT
3,4',5-TriCB	39		D	99.6	2.03	0.93	0.946
2,2',3,3'-TeCB	40	40 + 41 + 71	C B D	8450	0.620	0.79	1.336
2,2',3,4-TeCB	41	40 + 41 + 71	C40				
2,2',3,4'-TeCB	42		D	5570	0.668	0.79	1.310
2,2',3,5-TeCB	43		D	901	0.767	0.78	1.245
2,2',3,5'-TeCB	44	44 + 47 + 65	C B D	22400	0.558	0.78	1.285
2,2',3,6-TeCB	45	45 + 51	C B D	2820	0.621	0.78	1.146
2,2',3,6'-TeCB	46		D	424	0.709	0.78	1.161
2,2',4,4'-TeCB	47	44 + 47 + 65	C44				
2,2',4,5-TeCB	48		D	3380	0.630	0.79	1.273
2,2',4,5'-TeCB	49	49 + 69	C B D	29900	0.528	0.79	1.258
2,2',4,6-TeCB	50	50 + 53	C B D	3150	0.599	0.79	1.111
2,2',4,6'-TeCB	51	45 + 51	C45				
2,2',5,5'-TeCB	52		B D	47900	0.568	0.78	1.233
2,2',5,6'-TeCB	53	50 + 53	C50				
2,2',6,6'-TeCB	54		D	35.4	0.389	0.78	1.001
2,3,3',4-TeCB	55		U D		20.8		
2,3,3',4'-TeCB	56		D	3460	20.4	0.78	0.904
2,3,3',5-TeCB	57		D	264	19.7	0.77	0.843
2,3,3',5'-TeCB	58		D	81.1	19.9	0.79	0.851
2,3,3',6-TeCB	59	59 + 62 + 75	C B D	2690	0.466	0.79	1.301
2,3,4,4'-TeCB	60		B D	3890	20.8	0.78	0.911
2,3,4,5-TeCB	61	61 + 70 + 74 + 76	C B D	34700	19.4	0.77	0.875
2,3,4,6-TeCB	62	59 + 62 + 75	C59				
2,3,4',5-TeCB	63		D	1100	19.1	0.77	0.864
2,3,4',6-TeCB	64		B D	9100	0.453	0.78	1.347
2,3,5,6-TeCB	65	44 + 47 + 65	C44				
2,3',4,4'-TeCB	66		B D	23500	18.3	0.78	0.884
2,3',4,5-TeCB	67		D	523	17.3	0.78	0.856
2,3',4,5'-TeCB	68		D	433	18.9	0.78	0.831
2,3',4,6-TeCB	69	49 + 69	C49				
2,3',4',5-TeCB	70	61 + 70 + 74 + 76	C61				
2,3',4',6-TeCB	71	40 + 41 + 71	C40				
2,3',5,5'-TeCB	72		D	840	18.8	0.76	0.822
2,3',5',6-TeCB	73		U D		0.445		
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		D	632	23.8	0.78	1.000
3,3',4,5-TeCB	78		U D		21.1		
3,3',4,5'-TeCB	79		D	576	16.6	0.73	0.969
3,3',5,5'-TeCB	80		U D		18.1		
3,4,4',5-TeCB	81		K D	42.9	22.9	0.88	1.000
2,2',3,3',4-PeCB	82		B D	3640	8.15	1.61	0.934
2,2',3,3',5-PeCB	83	83 + 99	C B D	63400	7.10	1.57	0.886
2,2',3,3',6-PeCB	84		D	8680	8.22	1.58	1.164
2,2',3,4,4'-PeCB	85	85 + 116 + 117	C D	12000	6.06	1.58	0.920
2,2',3,4,5-PeCB	86	86 + 87 + 97 + 108 + 119 + 125	C B D	41600	5.99	1.59	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 B D	11900	7.41	1.57	1.155
2,2',3,4,6'-PeCB	89		D	352	7.66	1.58	1.183
2,2',3,4',5-PeCB	90	90 + 101 + 113	C E				
2,2',3,4',6-PeCB	91	88 + 91	C88				
2,2',3,5,5'-PeCB	92		B D	20100	7.38	1.57	0.853
2,2',3,5,6-PeCB	93	93 + 95 + 98 + 100 + 102	C B D	55700	7.13	1.56	1.121
2,2',3,5,6'-PeCB	94		D	232	8.08	1.55	1.103
2,2',3,5',6-PeCB	95	93 + 95 + 98 + 100 + 102	C93				
2,2',3,6,6'-PeCB	96		D	316	1.56	1.60	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		D	1590	6.61	1.58	1.094
2,2',4,6,6'-PeCB	104		D	12.3	1.34	1.52	1.001
2,3,3',4,4'-PeCB	105		B D	21300	64.6	1.56	1.000
2,3,3',4,5-PeCB	106		U D		58.2		
2,3,3',4',5-PeCB	107	107 + 124	C D	1900	60.6	1.54	0.991
2,3,3',4,5'-PeCB	108	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3,3',4,6-PeCB	109		B D	4970	55.1	1.54	0.998
2,3,3',4',6-PeCB	110	110 + 115	C E				
2,3,3',5,5'-PeCB	111		D	83.3	5.55	1.53	0.945
2,3,3',5,6-PeCB	112		U D		5.22		
2,3,3',5',6-PeCB	113	90 + 101 + 113	C90				
2,3,4,4',5-PeCB	114		D	1290	67.5	1.54	1.000
2,3,4,4',6-PeCB	115	110 + 115	C110				
2,3,4,5,6-PeCB	116	85 + 116 + 117	C85				
2,3,4',5,6-PeCB	117	85 + 116 + 117	C85				
2,3',4,4',5-PeCB	118		E				
2,3',4,4',6-PeCB	119	86 + 87 + 97 + 108 + 119 + 125	C86				
2,3',4,5,5'-PeCB	120		D	506	5.32	1.57	0.959
2,3',4,5',6-PeCB	121		D	38.4	5.54	1.59	1.199
2',3,3',4,5-PeCB	122		D	319	64.3	1.58	1.010
2',3,4,4',5-PeCB	123		D	1190	69.3	1.56	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		D	68.6	40.0	1.62	1.000
3,3',4,5,5'-PeCB	127		U D		61.6		
2,2',3,3',4,4'-HxCB	128	128 + 166	C B D	10900	68.6	1.28	0.959
2,2',3,3',4,5-HxCB	129	129 + 138 + 160 + 163	C B D	147000	73.8	1.26	0.928
2,2',3,3',4,5'-HxCB	130		D	5570	92.8	1.26	0.913
2,2',3,3',4,6-HxCB	131		B D	790	83.8	1.31	1.159
2,2',3,3',4,6'-HxCB	132		B D	26100	88.5	1.27	1.175
2,2',3,3',5,5'-HxCB	133		D	1980	83.9	1.27	1.191
2,2',3,3',5,6-HxCB	134	134 + 143	C D	4150	84.7	1.26	1.140
2,2',3,3',5,6'-HxCB	135	135 + 151 + 154	C B D	43600	1.12	1.27	1.104
2,2',3,3',6,6'-HxCB	136		D	11700	0.837	1.27	1.025
2,2',3,4,4',5-HxCB	137		B D	3840	80.4	1.42	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 D	2190	76.3	1.29	1.153
2,2',3,4,4',6'-HxCB	140	139 + 140	C139				
2,2',3,4,5,5'-HxCB	141		B D	16600	81.0	1.26	0.904
2,2',3,4,5,6-HxCB	142		U D		87.3		
2,2',3,4,5,6'-HxCB	143	134 + 143	C134				
2,2',3,4,5',6-HxCB	144		D	4950	1.16	1.26	1.122
2,2',3,4,6,6'-HxCB	145		D	30.3	0.814	1.35	1.035
2,2',3,4',5,5'-HxCB	146		B D	17000	62.3	1.25	0.884
2,2',3,4',5,6-HxCB	147	147 + 149	C B D	97500	74.5	1.26	1.133
2,2',3,4',5,6'-HxCB	148		D	297	1.14	1.24	1.084
2,2',3,4',5',6-HxCB	149	147 + 149	C147				
2,2',3,4',6,6'-HxCB	150		D	273	0.855	1.29	1.013
2,2',3,5,5',6-HxCB	151	135 + 151 + 154	C135				
2,2',3,5,6,6'-HxCB	152		D	85.8	0.814	1.25	1.007
2,2',4,4',5,5'-HxCB	153	153 + 168	C E				
2,2',4,4',5,6'-HxCB	154	135 + 151 + 154	C135				
2,2',4,4',6,6'-HxCB	155		D	16.8	0.702	1.41	1.001
2,3,3',4,4',5-HxCB	156	156 + 157	C B D	9590	91.7	1.25	1.000
2,3,3',4,4',5'-HxCB	157	156 + 157	C156				
2,3,3',4,4',6-HxCB	158		D	9620	57.6	1.26	0.938
2,3,3',4,5,5'-HxCB	159		D	779	64.4	1.31	0.981
2,3,3',4,5,6-HxCB	160	129 + 138 + 160 + 163	C129				
2,3,3',4,5',6-HxCB	161		U D		54.3		
2,3,3',4',5,5'-HxCB	162		K D	280	66.0	1.54	0.989
2,3,3',4',5,6-HxCB	163	129 + 138 + 160 + 163	C129				
2,3,3',4',5',6-HxCB	164		D	5720	62.3	1.20	0.921
2,3,3',5,5',6-HxCB	165		D	82.1	68.3	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		B D	4320	65.5	1.26	1.000
2,3',4,4',5',6-HxCB	168	153 + 168	C153				
3,3',4,4',5,5'-HxCB	169		U D		87.8		
2,2',3,3',4,4',5-HpCB	170		B D	19100	2.48	1.05	0.936
2,2',3,3',4,4',6-HpCB	171	171 + 173	C D	6400	2.18	1.05	1.163
2,2',3,3',4,5,5'-HpCB	172		D	3330	2.37	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		D	15400	1.92	1.06	1.133
2,2',3,3',4,5',6-HpCB	175		D	898	1.92	1.06	1.103
2,2',3,3',4,6,6'-HpCB	176		D	2720	1.36	1.04	1.034
2,2',3,3',4',5,6-HpCB	177		D	11600	1.84	1.05	1.145
2,2',3,3',5,5',6-HpCB	178		D	5180	1.99	1.05	1.085
2,2',3,3',5,6,6'-HpCB	179		D	9940	1.37	1.05	1.010
2,2',3,4,4',5,5'-HpCB	180	180 + 193	C B D	57500	1.81	1.06	0.910
2,2',3,4,4',5,6-HpCB	181		D	181	2.03	1.02	1.156
2,2',3,4,4',5,6'-HpCB	182		D	253	1.86	1.11	1.116
2,2',3,4,4',5',6-HpCB	183	183 + 185	C B D	19800	1.93	1.05	1.127
2,2',3,4,4',6,6'-HpCB	184		D	18.3	1.25	1.02	1.025
2,2',3,4,5,5',6-HpCB	185	183 + 185	C183				
2,2',3,4,5,6,6'-HpCB	186		U D		1.45		
2,2',3,4',5,5',6-HpCB	187		B D	38500	1.71	1.05	1.110
2,2',3,4',5,6,6'-HpCB	188		D	63.8	1.34	1.16	1.000
2,3,3',4,4',5,5'-HpCB	189		D	646	8.40	1.07	1.000
2,3,3',4,4',5,6-HpCB	190		B D	4740	1.82	1.06	0.947
2,3,3',4,4',5',6-HpCB	191		D	1100	1.75	1.06	0.918
2,3,3',4,5,5',6-HpCB	192		U D		1.87		
2,3,3',4',5,5',6-HpCB	193	180 + 193	C180				
2,2',3,3',4,4',5,5'-OcCB	194		B D	7270	8.25	0.89	0.992
2,2',3,3',4,4',5,6-OcCB	195		D	2860	8.73	0.89	0.946
2,2',3,3',4,4',5,6'-OcCB	196		D	4860	0.638	0.91	0.916
2,2',3,3',4,4',6,6'-OcCB	197	197 + 200	C D	1300	0.430	0.89	1.046
2,2',3,3',4,5,5',6-OcCB	198	198 + 199	C B D	9360	0.642	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		D	1280	0.416	0.89	1.023
2,2',3,3',5,5',6,6'-OcCB	202		D	2290	0.450	0.91	1.000
2,2',3,4,4',5,5',6-OcCB	203		D	6930	0.612	0.91	0.920
2,2',3,4,4',5,6,6'-OcCB	204		K D J	3.38	0.431	1.65	1.038
2,3,3',4,4',5,5',6-OcCB	205		D	446	7.08	0.88	1.001
2,2',3,3',4,4',5,5',6-NoCB	206		D	1250	0.999	0.80	1.000
2,2',3,3',4,4',5,6,6'-NoCB	207		D	184	0.744	0.82	1.020
2,2',3,3',4,5,5',6,6'-NoCB	208		D	457	0.854	0.78	1.001
2,2',3,3',4,4',5,5',6,6'-DeCB	209		D	285	0.431	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; D = dilution data; J = concentration less than LMCL; C = co-eluting congener; E = exceeds calibrated linear range, see dilution data.

Approved by: _____Teresa Rawsthorne_____ QA/QC Chemist

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

AXYS METHOD MLA-010 Rev 08

Form 1A

PCB CONGENER ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-05-T3-M-ES-WB-COMP2 (Duplicate)
Sample Collection:
N/A

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

Project No.	04-08-06-22		
Contract No.:	4033	**Lab Sample I.D.:**	WG19626-104 W2 (DUP L9071-5)
Matrix:	TISSUE	**Sample Size:**	10.1 g (wet)
Sample Receipt Date:	06-Jul-2006	**Initial Calibration Date:**	05-Jun-2006
Extraction Date:	14-Jul-2006	**Instrument ID:**	HR GC/MS
Analysis Date:	27-Jul-2006 **Time:** 13:49:00	**GC Column ID:**	SPB OCTYL
Extract Volume (uL):	500	**Sample Data Filename:**	**PB6C_331C S: 3**
Injection Volume (uL):	1.0	**Blank Data Filename:**	PB6C_327 S: 5
Dilution Factor:	25	**Cal. Ver. Data Filename:**	PB6C_331C 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	98800	5.60	1.57	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	74200	4.84	1.57	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		B D	68200	109	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		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	146000	63.0	1.26	0.899
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: _____Teresa Rawsthorne_____ QA/QC Chemist