

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-20MS

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: P4547-05MS

Date(s) Analyzed: 10/25/2024

10/25/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	14.9	8.4
	2	5.79	5.74	5.84	16.2	
4,4'-DDT	1	7.03	6.98	7.08	14.8	9
	2	6.04	5.99	6.09	16.2	
alpha-BHC	1	4.00	3.95	4.05	14.9	14.9
	2	3.28	3.23	3.33	17.3	
Aldrin	1	5.26	5.21	5.31	14.4	14.2
	2	4.23	4.18	4.28	16.6	
beta-BHC	1	4.53	4.48	4.58	16.8	5.2
	2	3.91	3.86	3.96	17.7	
alpha-Chlordane	1	6.02	5.97	6.07	14.5	19.9
	2	5.05	5.00	5.10	17.7	
4,4'-DDE	1	6.19	6.14	6.24	14.4	18.9
	2	5.24	5.19	5.29	17.4	
Endosulfan II	1	6.80	6.75	6.85	14.8	9.6
	2	5.94	5.89	5.99	16.3	
Endrin aldehyde	1	6.93	6.88	6.98	14.9	7.7
	2	6.12	6.07	6.17	16.1	
Endosulfan sulfate	1	7.16	7.11	7.21	15.2	5.1
	2	6.34	6.29	6.39	16.0	
Methoxychlor	1	7.50	7.45	7.55	16.7	1.2
	2	6.62	6.57	6.67	16.9	
Endrin ketone	1	7.65	7.60	7.70	15.4	7.5
	2	6.85	6.80	6.90	16.6	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.9	13.8
	2	3.61	3.56	3.66	17.1	
Heptachlor	1	4.92	4.87	4.97	15.2	15.8
	2	3.95	3.90	4.00	17.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-20MS

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: P4547-05MS

Date(s) Analyzed: 10/25/2024

10/25/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
delta-BHC	1	4.77	4.72	4.82	14.5	12.3
	2	4.14	4.09	4.19	16.4	
Heptachlor epoxide	1	5.69	5.64	5.74	14.5	16.5
	2	4.73	4.68	4.78	17.1	
Endosulfan I	1	6.07	6.02	6.12	14.6	20.3
	2	5.10	5.05	5.15	17.9	
gamma-Chlordane	1	5.94	5.89	5.99	14.5	17
	2	4.98	4.93	5.03	17.2	
Dieldrin	1	6.35	6.30	6.40	14.4	14.2
	2	5.37	5.32	5.42	16.6	
Endrin	1	6.58	6.53	6.63	13.7	16.1
	2	5.64	5.59	5.69	16.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-20MSD

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4547-05MSD

Date(s) Analyzed: 10/25/2024 10/25/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2 ID: 0.32 (mm)

GC Column: (2): ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.80	6.75	6.85	14.5	14.7
	2	5.94	5.89	5.99	16.8	
4,4'-DDD	1	6.71	6.66	6.76	14.7	14.5
	2	5.79	5.74	5.84	17.0	
4,4'-DDT	1	7.03	6.98	7.08	14.9	10.8
	2	6.04	5.99	6.09	16.6	
Endrin aldehyde	1	6.93	6.88	6.98	14.8	8.4
	2	6.12	6.07	6.17	16.1	
Endosulfan sulfate	1	7.16	7.11	7.21	15.0	10.7
	2	6.34	6.29	6.39	16.7	
Methoxychlor	1	7.50	7.45	7.55	16.7	7.5
	2	6.62	6.57	6.67	18.0	
Endrin ketone	1	7.65	7.60	7.70	15.5	8
	2	6.85	6.80	6.90	16.8	
alpha-BHC	1	4.00	3.95	4.05	14.6	16.9
	2	3.28	3.23	3.33	17.3	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.7	15.7
	2	3.61	3.56	3.66	17.2	
Heptachlor	1	4.92	4.87	4.97	15.1	17.5
	2	3.95	3.90	4.00	18.0	
Aldrin	1	5.26	5.21	5.31	13.9	18.9
	2	4.23	4.18	4.28	16.8	
beta-BHC	1	4.53	4.48	4.58	16.4	8.7
	2	3.91	3.86	3.96	17.9	
delta-BHC	1	4.77	4.72	4.82	14.4	14.2
	2	4.14	4.09	4.19	16.6	
Heptachlor epoxide	1	5.69	5.64	5.74	14.3	19.6
	2	4.73	4.68	4.78	17.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BP-F-20MSD

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4547-05MSD

Date(s) Analyzed: 10/25/2024 10/25/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2 ID: 0.32 (mm)

GC Column: (2): ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	14.5	21
	2	5.10	5.05	5.15	17.9	
gamma-Chlordane	1	5.94	5.89	5.99	14.3	18.4
	2	4.98	4.93	5.03	17.2	
alpha-Chlordane	1	6.02	5.97	6.07	14.4	18.9
	2	5.05	5.00	5.10	17.4	
4,4'-DDE	1	6.19	6.14	6.24	14.3	20.7
	2	5.24	5.19	5.29	17.6	
Dieldrin	1	6.35	6.30	6.40	14.1	19.2
	2	5.37	5.32	5.42	17.1	
Endrin	1	6.58	6.53	6.63	13.8	21.9
	2	5.64	5.59	5.69	17.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164398BS

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: PB164398BS

Date(s) Analyzed: 10/25/2024

10/25/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.80	6.75	6.85	14.0	15.2
	2	5.94	5.89	5.99	16.3	
4,4'-DDD	1	6.71	6.66	6.76	14.2	15.6
	2	5.79	5.74	5.84	16.6	
4,4'-DDT	1	7.03	6.98	7.08	14.3	11.8
	2	6.04	5.99	6.09	16.1	
Endrin aldehyde	1	6.93	6.88	6.98	14.8	11.5
	2	6.12	6.07	6.17	16.6	
Endosulfan sulfate	1	7.16	7.11	7.21	14.6	11
	2	6.34	6.29	6.39	16.3	
Methoxychlor	1	7.50	7.45	7.55	16.5	7.6
	2	6.62	6.57	6.67	17.8	
Endrin ketone	1	7.65	7.60	7.70	15.1	13
	2	6.85	6.80	6.90	17.2	
alpha-BHC	1	4.00	3.95	4.05	13.8	16
	2	3.28	3.23	3.33	16.2	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.3	13.7
	2	3.61	3.56	3.66	16.4	
Heptachlor	1	4.92	4.87	4.97	14.3	15.5
	2	3.95	3.90	4.00	16.7	
Aldrin	1	5.26	5.21	5.31	13.6	18.1
	2	4.23	4.18	4.28	16.3	
beta-BHC	1	4.53	4.48	4.58	15.7	6.2
	2	3.91	3.86	3.96	16.7	
delta-BHC	1	4.77	4.72	4.82	14.3	12.5
	2	4.14	4.09	4.19	16.2	
Heptachlor epoxide	1	5.69	5.64	5.74	14.1	18.6
	2	4.73	4.68	4.78	17.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164398BS

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: PB164398BS

Date(s) Analyzed: 10/25/2024

10/25/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	13.9	21.2
	2	5.10	5.05	5.15	17.2	
gamma-Chlordane	1	5.94	5.89	5.99	13.8	17.2
	2	4.98	4.93	5.03	16.4	
alpha-Chlordane	1	6.02	5.97	6.07	13.8	19
	2	5.05	5.00	5.10	16.7	
4,4'-DDE	1	6.20	6.15	6.25	13.8	19.6
	2	5.24	5.19	5.29	16.8	
Dieldrin	1	6.35	6.30	6.40	13.8	17.2
	2	5.37	5.32	5.42	16.4	
Endrin	1	6.58	6.53	6.63	13.6	16.8
	2	5.64	5.59	5.69	16.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-PEST-SOIL

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: P4495-20

Date(s) Analyzed: 11/04/2024

11/04/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.72	6.67	6.77	180	15.9
	2	5.79	5.74	5.84	211	
4,4'-DDE	1	6.20	6.15	6.25	292	11
	2	5.24	5.19	5.29	326	
4,4'-DDT	1	7.03	6.98	7.08	84.9	22.1
	2	6.04	5.99	6.09	106	
alpha-BHC	1	4.01	3.96	4.06	208	5.2
	2	3.28	3.23	3.33	219	
Aldrin	1	5.27	5.22	5.32	81.0	13.7
	2	4.23	4.18	4.28	92.9	
alpha-Chlordane	1	6.03	5.98	6.08	68.0	15.8
	2	5.05	5.00	5.10	79.7	
Endosulfan II	1	6.80	6.75	6.85	129	18.9
	2	5.94	5.89	5.99	156	
Endosulfan sulfate	1	7.17	7.12	7.22	46.7	16.5
	2	6.34	6.29	6.39	55.1	
beta-BHC	1	4.54	4.49	4.59	237	13.8
	2	3.91	3.86	3.96	272	
delta-BHC	1	4.78	4.73	4.83	263	3.7
	2	4.14	4.09	4.19	273	
Endosulfan I	1	6.08	6.03	6.13	34.2	12.3
	2	5.10	5.05	5.15	38.7	
Dieldrin	1	6.35	6.30	6.40	288	9
	2	5.37	5.32	5.42	315	
Endrin aldehyde	1	6.93	6.88	6.98	22.9	16.1
	2	6.12	6.07	6.17	26.9	
Methoxychlor	1	7.51	7.46	7.56	37.0	5.5
	2	6.62	6.57	6.67	39.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-PEST-SOIL

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: P4495-20

Date(s) Analyzed: 11/04/2024 11/04/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2 ID: 0.32 (mm)

GC Column: (2): ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.65	7.60	7.70	155	9.8
	2	6.85	6.80	6.90	171	
gamma-BHC (Lindane)	1	4.34	4.29	4.39	123	10
	2	3.61	3.56	3.66	136	
Heptachlor	1	4.93	4.88	4.98	251	3.9
	2	3.95	3.90	4.00	261	
Heptachlor epoxide	1	5.69	5.64	5.74	75.0	14.6
	2	4.73	4.68	4.78	86.8	
gamma-Chlordane	1	5.95	5.90	6.00	207	13.5
	2	4.98	4.93	5.03	237	
Endrin	1	6.58	6.53	6.63	34.6	23
	2	5.64	5.59	5.69	43.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-PEST-SOILDL

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: P4495-20DL

Date(s) Analyzed: 11/04/2024

11/04/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	179	19.2
	2	5.79	5.74	5.84	217	
4,4'-DDT	1	7.03	6.98	7.08	83.6	21.7
	2	6.04	5.99	6.09	104	
alpha-BHC	1	4.00	3.95	4.05	205	11.1
	2	3.28	3.23	3.33	229	
Aldrin	1	5.26	5.21	5.31	81.0	16.9
	2	4.23	4.18	4.28	96.0	
beta-BHC	1	4.53	4.48	4.58	242	16.3
	2	3.91	3.86	3.96	285	
alpha-Chlordane	1	6.02	5.97	6.07	68.1	15.9
	2	5.05	5.00	5.10	79.9	
4,4'-DDE	1	6.20	6.15	6.25	291	16.1
	2	5.24	5.19	5.29	342	
Endosulfan II	1	6.80	6.75	6.85	130	20.1
	2	5.94	5.89	5.99	159	
Endrin aldehyde	1	6.93	6.88	6.98	24.7	8.5
	2	6.12	6.07	6.17	26.9	
Endosulfan sulfate	1	7.16	7.11	7.21	48.2	13.2
	2	6.34	6.29	6.39	55.0	
Methoxychlor	1	7.50	7.45	7.55	38.8	7
	2	6.62	6.57	6.67	41.6	
Endrin ketone	1	7.65	7.60	7.70	156	13.2
	2	6.84	6.79	6.89	178	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	122	13.7
	2	3.61	3.56	3.66	140	
Heptachlor	1	4.92	4.87	4.97	256	15.2
	2	3.95	3.90	4.00	298	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-PEST-SOILDL

Contract: CHEM02

Lab Code: CHEM

Case No.: P4495

SAS No.: P4495

SDG NO.: P4495

Lab Sample ID: P4495-20DL

Date(s) Analyzed: 11/04/2024

11/04/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
delta-BHC	1	4.78	4.73	4.83	262	10.5
	2	4.14	4.09	4.19	291	
Heptachlor epoxide	1	5.69	5.64	5.74	75.5	18.2
	2	4.73	4.68	4.78	90.6	
Endosulfan I	1	6.07	6.02	6.12	35.0	11.6
	2	5.10	5.05	5.15	39.3	
gamma-Chlordane	1	5.94	5.89	5.99	202	19.6
	2	4.98	4.93	5.03	246	
Dieldrin	1	6.35	6.30	6.40	291	16.1
	2	5.37	5.32	5.42	342	
Endrin	1	6.58	6.53	6.63	35.2	20.6
	2	5.64	5.59	5.69	43.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-PEST-SOILDL2

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4495-20DL2

Date(s) Analyzed: 11/04/2024 11/04/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2 ID: 0.32 (mm)

GC Column: (2): ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.80	6.75	6.85	158	4.3
	2	5.94	5.89	5.99	165	
4,4'-DDD	1	6.71	6.66	6.76	208	3.3
	2	5.79	5.74	5.84	215	
4,4'-DDT	1	7.03	6.98	7.08	98.3	0.5
	2	6.04	5.99	6.09	98.8	
Endrin aldehyde	1	6.93	6.88	6.98	31.9	6.8
	2	6.12	6.07	6.17	29.8	
Endosulfan sulfate	1	7.16	7.11	7.21	63.5	9.1
	2	6.34	6.29	6.39	58.0	
Endrin ketone	1	7.65	7.60	7.70	190	2.1
	2	6.84	6.79	6.89	194	
alpha-BHC	1	4.00	3.95	4.05	211	2.8
	2	3.28	3.23	3.33	217	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	132	0
	2	3.61	3.56	3.66	132	
Aldrin	1	5.26	5.21	5.31	96.0	3.4
	2	4.23	4.18	4.28	92.8	
beta-BHC	1	4.53	4.48	4.58	290	5
	2	3.91	3.86	3.96	305	
delta-BHC	1	4.77	4.72	4.82	271	7.1
	2	4.14	4.09	4.19	291	
Endosulfan I	1	6.07	6.02	6.12	44.9	10.6
	2	5.10	5.05	5.15	40.4	
alpha-Chlordane	1	6.02	5.97	6.07	84.2	3
	2	5.05	5.00	5.10	81.7	
4,4'-DDE	1	6.19	6.14	6.24	317	10.2
	2	5.23	5.18	5.28	351	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PT-PEST-SOILDL2

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab Sample ID: P4495-20DL2

Date(s) Analyzed: 11/04/2024 11/04/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2 ID: 0.32 (mm)

GC Column: (2): ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Dieldrin	1	6.35	6.30	6.40	322	11.7
	2	5.37	5.32	5.42	362	
Endrin	1	6.58	6.53	6.63	44.8	3.6
	2	5.64	5.59	5.69	43.2	
Methoxychlor	1	7.50	7.45	7.55	48.5	4.9
	2	6.61	6.56	6.66	46.2	
Heptachlor	1	4.92	4.87	4.97	292	8.2
	2	3.95	3.90	4.00	317	
Heptachlor epoxide	1	5.69	5.64	5.74	99.5	7.6
	2	4.73	4.68	4.78	92.2	
gamma-Chlordane	1	5.94	5.89	5.99	227	8.4
	2	4.98	4.93	5.03	247	