

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164067BS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: PB164067BS

Date(s) Analyzed: 10/11/2024

10/11/2024

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	15.7	10.8
	2	5.94	5.89	5.99	17.5	
4,4'-DDD	1	6.71	6.66	6.76	17.3	8.8
	2	5.79	5.74	5.84	18.9	
4,4'-DDT	1	7.03	6.98	7.08	16.2	0
	2	6.04	5.99	6.09	16.2	
Endrin aldehyde	1	6.93	6.88	6.98	15.8	4.9
	2	6.12	6.07	6.17	16.6	
Endosulfan sulfate	1	7.16	7.11	7.21	16.3	4.8
	2	6.34	6.29	6.39	17.1	
Methoxychlor	1	7.50	7.45	7.55	16.3	1.9
	2	6.62	6.57	6.67	16.0	
Endrin ketone	1	7.65	7.60	7.70	16.6	4.7
	2	6.85	6.80	6.90	17.4	
alpha-BHC	1	4.00	3.95	4.05	16.2	3.6
	2	3.28	3.23	3.33	16.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.4	5.1
	2	3.61	3.56	3.66	16.2	
Heptachlor	1	4.92	4.87	4.97	16.3	2.4
	2	3.95	3.90	4.00	16.7	
Aldrin	1	5.26	5.21	5.31	15.6	3.8
	2	4.23	4.18	4.28	16.2	
beta-BHC	1	4.53	4.48	4.58	16.3	3
	2	3.91	3.86	3.96	16.8	
delta-BHC	1	4.77	4.72	4.82	15.9	3.1
	2	4.14	4.09	4.19	16.4	
Heptachlor epoxide	1	5.69	5.64	5.74	16.0	7.8
	2	4.73	4.68	4.78	17.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

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SDG NO.: P4385

Lab Sample ID: PB164067BS

Date(s) Analyzed: 10/11/2024

10/11/2024

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	16.1	6.6
	2	5.10	5.05	5.15	17.2	
gamma-Chlordane	1	5.94	5.89	5.99	16.3	6.5
	2	4.98	4.93	5.03	17.4	
alpha-Chlordane	1	6.02	5.97	6.07	16.4	4.8
	2	5.05	5.00	5.10	17.2	
4,4'-DDE	1	6.20	6.15	6.25	16.5	6.5
	2	5.24	5.19	5.29	17.6	
Dieldrin	1	6.35	6.30	6.40	16.1	7.2
	2	5.37	5.32	5.42	17.3	
Endrin	1	6.58	6.53	6.63	15.5	5
	2	5.64	5.59	5.69	16.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-1

Contract: SCHE03

Lab Code: CHEM Case No.: P4385

SAS No.: P4385 SDG NO.: P4385

Lab Sample ID: P4385-02

Date(s) Analyzed: 10/11/2024 10/11/2024

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	1.80	0
	2	5.79	5.74	5.84	1.80	
4,4'-DDT	1	7.03	6.98	7.08	10.7	0.9
	2	6.04	5.99	6.09	10.6	
4,4'-DDE	1	6.19	6.14	6.24	12.4	4
	2	5.24	5.19	5.29	12.9	
Dieldrin	1	6.35	6.30	6.40	0.48	19.7
	2	5.37	5.32	5.42	0.39	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-10

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-20

Date(s) Analyzed: 10/11/2024

10/11/2024

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	0.98	13.9
	2	5.79	5.74	5.84	0.85	
4,4'-DDT	1	7.03	6.98	7.08	6.00	10.5
	2	6.04	5.99	6.09	5.40	
gamma-Chlordane	1	5.94	5.89	5.99	0.38	40.4
	2	4.98	4.93	5.03	0.25	
alpha-Chlordane	1	6.02	5.97	6.07	0.72	74.8
	2	5.04	4.99	5.09	0.33	
4,4'-DDE	1	6.19	6.14	6.24	9.80	5.9
	2	5.23	5.18	5.28	10.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04

Date(s) Analyzed: 10/11/2024

10/11/2024

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	4.00	7.8
	2	5.79	5.74	5.84	3.70	
4,4'-DDT	1	7.03	6.98	7.08	24.4	6.3
	2	6.04	5.99	6.09	26.0	
4,4'-DDE	1	6.19	6.14	6.24	27.3	11.4
	2	5.24	5.19	5.29	30.6	
Dieldrin	1	6.34	6.29	6.39	0.94	3
	2	5.37	5.32	5.42	0.91	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MS

Date(s) Analyzed: 10/11/2024

10/11/2024

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	15.1	5.8
	2	5.94	5.89	5.99	16.0	
4,4'-DDD	1	6.71	6.66	6.76	19.2	5.3
	2	5.79	5.74	5.84	18.2	
4,4'-DDT	1	7.03	6.98	7.08	37.0	7.5
	2	6.04	5.99	6.09	39.9	
Endrin aldehyde	1	6.93	6.88	6.98	14.8	9.6
	2	6.12	6.07	6.17	16.3	
Endosulfan sulfate	1	7.16	7.11	7.21	15.6	3.2
	2	6.34	6.29	6.39	16.1	
Methoxychlor	1	7.50	7.45	7.55	15.5	5
	2	6.62	6.57	6.67	16.3	
Endrin ketone	1	7.65	7.60	7.70	21.2	29.8
	2	6.85	6.80	6.90	15.7	
alpha-BHC	1	4.00	3.95	4.05	15.2	2.6
	2	3.28	3.23	3.33	15.6	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.6	4
	2	3.61	3.56	3.66	15.2	
Heptachlor	1	4.92	4.87	4.97	16.0	0
	2	3.95	3.90	4.00	16.0	
Aldrin	1	5.26	5.21	5.31	14.5	5.4
	2	4.23	4.18	4.28	15.3	
beta-BHC	1	4.53	4.48	4.58	15.6	2.5
	2	3.91	3.86	3.96	16.0	
delta-BHC	1	4.77	4.72	4.82	14.6	0.7
	2	4.14	4.09	4.19	14.7	
Heptachlor epoxide	1	5.69	5.64	5.74	15.5	0
	2	4.73	4.68	4.78	15.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MS

Date(s) Analyzed: 10/11/2024

10/11/2024

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	15.6	0.6
	2	5.10	5.05	5.15	15.5	
gamma-Chlordane	1	5.94	5.89	5.99	16.4	1.8
	2	4.98	4.93	5.03	16.1	
alpha-Chlordane	1	6.02	5.97	6.07	15.9	0
	2	5.05	5.00	5.10	15.9	
4,4'-DDE	1	6.19	6.14	6.24	38.6	10.8
	2	5.24	5.19	5.29	43.0	
Dieldrin	1	6.35	6.30	6.40	15.7	6.2
	2	5.37	5.32	5.42	16.7	
Endrin	1	6.58	6.53	6.63	15.2	10.6
	2	5.64	5.59	5.69	16.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MSD

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MSD

Date(s) Analyzed: 10/11/2024

10/11/2024

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	18.9	3.2
	2	5.79	5.74	5.84	18.3	
4,4'-DDT	1	7.03	6.98	7.08	36.4	8.7
	2	6.04	5.99	6.09	39.7	
Endrin aldehyde	1	6.93	6.88	6.98	14.6	10.4
	2	6.12	6.07	6.17	16.2	
Endosulfan sulfate	1	7.16	7.11	7.21	15.4	4.4
	2	6.34	6.29	6.39	16.1	
Methoxychlor	1	7.50	7.45	7.55	15.6	3.8
	2	6.62	6.57	6.67	16.2	
Endrin ketone	1	7.64	7.59	7.69	22.6	36
	2	6.85	6.80	6.90	15.7	
alpha-BHC	1	4.00	3.95	4.05	14.9	3.9
	2	3.28	3.23	3.33	15.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.5	4.1
	2	3.61	3.56	3.66	15.1	
Heptachlor	1	4.92	4.87	4.97	15.7	1.3
	2	3.95	3.90	4.00	15.9	
Aldrin	1	5.26	5.21	5.31	14.4	5.4
	2	4.23	4.18	4.28	15.2	
beta-BHC	1	4.53	4.48	4.58	15.4	2.6
	2	3.91	3.86	3.96	15.8	
delta-BHC	1	4.77	4.72	4.82	14.4	1.4
	2	4.14	4.09	4.19	14.6	
Heptachlor epoxide	1	5.69	5.64	5.74	15.2	2
	2	4.73	4.68	4.78	15.5	
Endosulfan I	1	6.07	6.02	6.12	15.4	0.6
	2	5.10	5.05	5.15	15.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MSD

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MSD

Date(s) Analyzed: 10/11/2024

10/11/2024

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		
gamma-Chlordane	1	5.94	5.89	5.99	16.2	0.6
	2	4.98	4.93	5.03	16.1	
alpha-Chlordane	1	6.02	5.97	6.07	15.8	0.6
	2	5.05	5.00	5.10	15.9	
4,4'-DDE	1	6.19	6.14	6.24	38.4	12
	2	5.24	5.19	5.29	43.3	
Dieldrin	1	6.35	6.30	6.40	15.7	5.6
	2	5.37	5.32	5.42	16.6	
Endrin	1	6.57	6.52	6.62	15.0	11.3
	2	5.64	5.59	5.69	16.8	
Endosulfan II	1	6.80	6.75	6.85	15.0	6.5
	2	5.94	5.89	5.99	16.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-3

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-06

Date(s) Analyzed: 10/11/2024

10/11/2024

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	4.30	4.8
	2	5.79	5.74	5.84	4.10	
4,4'-DDT	1	7.03	6.98	7.08	19.0	3.6
	2	6.04	5.99	6.09	19.7	
4,4'-DDE	1	6.19	6.14	6.24	20.9	9.6
	2	5.24	5.19	5.29	23.0	
Dieldrin	1	6.34	6.29	6.39	0.80	4.5
	2	5.37	5.32	5.42	0.76	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-4

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-08

Date(s) Analyzed: 10/11/2024

10/11/2024

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	0.95	29.3
	2	5.79	5.74	5.84	0.71	
4,4'-DDT	1	7.03	6.98	7.08	6.70	6.2
	2	6.04	5.99	6.09	6.30	
4,4'-DDE	1	6.19	6.14	6.24	5.60	0
	2	5.24	5.19	5.29	5.60	
Dieldrin	1	6.35	6.30	6.40	0.26	26.1
	2	5.37	5.32	5.42	0.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-5

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-10

Date(s) Analyzed: 10/11/2024

10/11/2024

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	0.73	24.2
	2	5.79	5.74	5.84	0.57	
4,4'-DDT	1	7.03	6.98	7.08	5.40	7.7
	2	6.04	5.99	6.09	5.00	
4,4'-DDE	1	6.19	6.14	6.24	8.10	1.2
	2	5.24	5.19	5.29	8.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-6

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-12

Date(s) Analyzed: 10/11/2024

10/11/2024

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	1.90	11.1
	2	5.79	5.74	5.84	1.70	
4,4'-DDT	1	7.03	6.98	7.08	12.7	1.6
	2	6.04	5.99	6.09	12.5	
4,4'-DDE	1	6.20	6.15	6.25	11.9	6.5
	2	5.24	5.19	5.29	12.7	
Dieldrin	1	6.35	6.30	6.40	0.54	6.8
	2	5.37	5.32	5.42	0.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-7

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-14

Date(s) Analyzed: 10/11/2024 10/11/2024

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	1.20	8.7
	2	5.79	5.74	5.84	1.10	
4,4'-DDT	1	7.02	6.97	7.07	5.10	10.3
	2	6.04	5.99	6.09	4.60	
alpha-Chlordane	1	6.02	5.97	6.07	0.67	101.2
	2	5.04	4.99	5.09	0.22	
4,4'-DDE	1	6.19	6.14	6.24	9.60	4.1
	2	5.24	5.19	5.29	10.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-8

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-16

Date(s) Analyzed: 10/11/2024 10/11/2024

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	0.92	16.6
	2	5.79	5.74	5.84	0.78	
4,4'-DDT	1	7.03	6.98	7.08	5.60	11.3
	2	6.04	5.99	6.09	5.00	
alpha-Chlordane	1	6.02	5.97	6.07	0.57	90.1
	2	5.04	4.99	5.09	0.22	
4,4'-DDE	1	6.19	6.14	6.24	9.90	2
	2	5.24	5.19	5.29	10.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-9

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-18

Date(s) Analyzed: 10/11/2024

10/11/2024

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	5.40	29.8
	2	5.79	5.74	5.84	4.00	
4,4'-DDT	1	7.03	6.98	7.08	13.5	7.7
	2	6.04	5.99	6.09	12.5	
Heptachlor epoxide	1	5.68	5.63	5.73	0.55	36
	2	4.73	4.68	4.78	0.38	
gamma-Chlordane	1	5.94	5.89	5.99	0.87	14.5
	2	4.98	4.93	5.03	0.75	
alpha-Chlordane	1	6.02	5.97	6.07	0.98	72.6
	2	5.05	5.00	5.10	0.46	
4,4'-DDE	1	6.19	6.14	6.24	10.5	34.6
	2	5.23	5.18	5.28	14.9	
Dieldrin	1	6.34	6.29	6.39	1.00	57.3
	2	5.37	5.32	5.42	1.80	