

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168693BS

Contract: JPCL01

Lab Code: CHEM

Case No.: Q2473

SAS No.: Q2473

SDG NO.: Q2473

Lab Sample ID: PB168693BS

Date(s) Analyzed: 07/02/2025

07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	17.8	12.5
	2	5.93	5.88	5.98	15.7	
4,4'-DDE	1	6.20	6.15	6.25	15.6	3.8
	2	5.38	5.33	5.43	16.2	
4,4'-DDT	1	7.03	6.98	7.08	14.6	0
	2	6.18	6.13	6.23	14.6	
alpha-BHC	1	4.01	3.96	4.06	16.2	2.4
	2	3.39	3.34	3.44	16.6	
Aldrin	1	5.28	5.23	5.33	16.4	1.2
	2	4.37	4.32	4.42	16.2	
alpha-Chlordane	1	6.03	5.98	6.08	16.2	1.9
	2	5.19	5.14	5.24	15.9	
Endosulfan II	1	6.79	6.74	6.84	15.8	1.3
	2	6.08	6.03	6.13	16.0	
Endosulfan sulfate	1	7.16	7.11	7.21	15.8	1.3
	2	6.48	6.43	6.53	15.6	
beta-BHC	1	4.52	4.47	4.57	15.8	0.6
	2	4.03	3.98	4.08	15.7	
delta-BHC	1	4.77	4.72	4.82	17.6	8.3
	2	4.26	4.21	4.31	16.2	
Endosulfan I	1	6.08	6.03	6.13	16.4	13
	2	5.25	5.20	5.30	14.4	
Dieldrin	1	6.35	6.30	6.40	16.4	1.8
	2	5.51	5.46	5.56	16.1	
Endrin aldehyde	1	6.92	6.87	6.97	16.2	0.6
	2	6.26	6.21	6.31	16.1	
Methoxychlor	1	7.50	7.45	7.55	14.9	0.7
	2	6.76	6.71	6.81	15.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168693BS

Contract: JPCL01

Lab Code: CHEM

Case No.: Q2473

SAS No.: Q2473

SDG NO.: Q2473

Lab Sample ID: PB168693BS

Date(s) Analyzed: 07/02/2025

07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.64	7.59	7.69	16.1	3.7
	2	6.99	6.94	7.04	16.7	
gamma-BHC (Lindane)	1	4.34	4.29	4.39	16.3	1.9
	2	3.73	3.68	3.78	16.0	
Heptachlor	1	4.94	4.89	4.99	15.9	1.9
	2	4.08	4.03	4.13	15.6	
Heptachlor epoxide	1	5.70	5.65	5.75	16.0	2.5
	2	4.87	4.82	4.92	16.4	
gamma-Chlordane	1	5.95	5.90	6.00	16.2	1.9
	2	5.12	5.07	5.17	15.9	
Endrin	1	6.58	6.53	6.63	15.6	10.9
	2	5.79	5.74	5.84	17.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PIT#1

Contract: JPCL01

Lab Code: CHEM

Case No.: Q2473

SAS No.: Q2473

SDG NO.: Q2473

Lab Sample ID: Q2473-01

Date(s) Analyzed: 07/02/2025 07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDT	1	7.02	6.97	7.07	9.20	6.7
	2	6.18	6.13	6.23	8.60	
Heptachlor	1	4.93	4.88	4.98	2.60	53.5
	2	4.08	4.03	4.13	4.50	
Aldrin	1	5.27	5.22	5.32	6.70	3
	2	4.37	4.32	4.42	6.50	
gamma-Chlordane	1	5.95	5.90	6.00	19.1	41
	2	5.13	5.08	5.18	12.6	
alpha-Chlordane	1	6.03	5.98	6.08	30.7	59.6
	2	5.19	5.14	5.24	16.6	
4,4'-DDE	1	6.20	6.15	6.25	5.40	15.4
	2	5.37	5.32	5.42	6.30	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PIT#2

Contract: JPCL01

Lab Code: CHEM

Case No.: Q2473

SAS No.: Q2473

SDG NO.: Q2473

Lab Sample ID: Q2473-02

Date(s) Analyzed: 07/02/2025 07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDT	1	7.02	6.97	7.07	1.10	30.8
	2	6.18	6.13	6.23	1.50	
Heptachlor	1	4.93	4.88	4.98	0.45	73.5
	2	4.08	4.03	4.13	0.98	
Aldrin	1	5.27	5.22	5.32	1.40	6.9
	2	4.37	4.32	4.42	1.50	
gamma-Chlordane	1	5.95	5.90	6.00	2.20	25.6
	2	5.12	5.07	5.17	1.70	
alpha-Chlordane	1	6.03	5.98	6.08	3.50	50
	2	5.19	5.14	5.24	2.10	
4,4'-DDE	1	6.20	6.15	6.25	1.10	16.7
	2	5.37	5.32	5.42	1.30	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PIT#3

Contract: JPCL01

Lab Code: CHEM

Case No.: Q2473

SAS No.: Q2473

SDG NO.: Q2473

Lab Sample ID: Q2473-03

Date(s) Analyzed: 07/02/2025 07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	1.30	20.7
	2	5.93	5.88	5.98	1.60	
4,4'-DDT	1	7.02	6.97	7.07	7.30	13.1
	2	6.18	6.13	6.23	6.40	
Heptachlor	1	4.93	4.88	4.98	2.60	40
	2	4.08	4.03	4.13	3.90	
Aldrin	1	5.27	5.22	5.32	6.00	1.7
	2	4.37	4.32	4.42	5.90	
gamma-Chlordane	1	5.95	5.90	6.00	12.8	32.7
	2	5.13	5.08	5.18	9.20	
alpha-Chlordane	1	6.03	5.98	6.08	18.5	52.6
	2	5.19	5.14	5.24	10.8	
4,4'-DDE	1	6.20	6.15	6.25	4.70	10.1
	2	5.37	5.32	5.42	5.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PIT#4

Contract: JPCL01

Lab Code: CHEM

Case No.: Q2473

SAS No.: Q2473

SDG NO.: Q2473

Lab Sample ID: Q2473-04

Date(s) Analyzed: 07/02/2025 07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	0.45	9.3
	2	5.93	5.88	5.98	0.50	
4,4'-DDT	1	7.02	6.97	7.07	1.60	6.1
	2	6.18	6.13	6.23	1.70	
Heptachlor	1	4.93	4.88	4.98	0.52	25.4
	2	4.08	4.03	4.13	0.67	
Aldrin	1	5.27	5.22	5.32	1.20	22.2
	2	4.37	4.32	4.42	1.50	
gamma-Chlordane	1	5.95	5.90	6.00	2.30	35.9
	2	5.12	5.07	5.17	1.60	
alpha-Chlordane	1	6.03	5.98	6.08	3.70	38.7
	2	5.19	5.14	5.24	2.50	
4,4'-DDE	1	6.20	6.15	6.25	0.80	22.7
	2	5.37	5.32	5.42	1.00	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILEMS

Contract: JPCL01

Lab Code: CHEM

Case No.: Q2473

SAS No.: Q2473

SDG NO.: Q2473

Lab Sample ID: Q2475-01MS

Date(s) Analyzed: 07/02/2025

07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	20.8	24.9
	2	5.93	5.88	5.98	16.2	
4,4'-DDT	1	7.02	6.97	7.07	17.4	3.5
	2	6.18	6.13	6.23	16.8	
Aldrin	1	5.27	5.22	5.32	19.9	6.8
	2	4.37	4.32	4.42	18.6	
4,4'-DDE	1	6.20	6.15	6.25	15.3	23.1
	2	5.37	5.32	5.42	19.3	
Endosulfan II	1	6.79	6.74	6.84	18.0	3.3
	2	6.08	6.03	6.13	18.6	
Endrin aldehyde	1	6.92	6.87	6.97	18.4	1.1
	2	6.26	6.21	6.31	18.6	
Endosulfan sulfate	1	7.15	7.10	7.20	17.5	1.7
	2	6.48	6.43	6.53	17.2	
Methoxychlor	1	7.49	7.44	7.54	15.4	4
	2	6.75	6.70	6.80	14.8	
Endrin ketone	1	7.63	7.58	7.68	17.2	6.6
	2	6.99	6.94	7.04	16.1	
alpha-BHC	1	4.00	3.95	4.05	18.6	1.6
	2	3.39	3.34	3.44	18.9	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	20.2	6.6
	2	3.73	3.68	3.78	18.9	
Heptachlor	1	4.93	4.88	4.98	19.3	1.6
	2	4.08	4.03	4.13	19.0	
beta-BHC	1	4.52	4.47	4.57	15.0	31
	2	4.03	3.98	4.08	20.5	
delta-BHC	1	4.76	4.71	4.81	20.3	8.2
	2	4.26	4.21	4.31	18.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILEMS

Contract: JPCL01

Lab Code: CHEM Case No.: Q2473

SAS No.: Q2473 SDG NO.: Q2473

Lab Sample ID: Q2475-01MS

Date(s) Analyzed: 07/02/2025 07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Heptachlor epoxide	1	5.69	5.64	5.74	18.4	9.3
	2	4.87	4.82	4.92	20.2	
Endosulfan I	1	6.08	6.03	6.13	20.0	0
	2	5.25	5.20	5.30	20.0	
gamma-Chlordane	1	5.95	5.90	6.00	21.6	10.2
	2	5.12	5.07	5.17	19.5	
alpha-Chlordane	1	6.03	5.98	6.08	22.5	2.2
	2	5.19	5.14	5.24	22.0	
Dieldrin	1	6.35	6.30	6.40	18.6	12.1
	2	5.51	5.46	5.56	21.0	
Endrin	1	6.58	6.53	6.63	18.2	2.2
	2	5.79	5.74	5.84	18.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILEMSD

Contract: JPCL01

Lab Code: CHEM Case No.: Q2473

SAS No.: Q2473 SDG NO.: Q2473

Lab Sample ID: Q2475-01MSD

Date(s) Analyzed: 07/02/2025 07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.79	6.74	6.84	17.7	3.9
	2	6.08	6.03	6.13	18.4	
4,4'-DDD	1	6.70	6.65	6.75	21.4	27.1
	2	5.93	5.88	5.98	16.3	
4,4'-DDT	1	7.02	6.97	7.07	16.2	2.5
	2	6.18	6.13	6.23	15.8	
Endrin aldehyde	1	6.92	6.87	6.97	18.0	1.1
	2	6.26	6.21	6.31	17.8	
Endosulfan sulfate	1	7.15	7.10	7.20	17.3	2.3
	2	6.48	6.43	6.53	16.9	
Methoxychlor	1	7.49	7.44	7.54	15.9	10.6
	2	6.75	6.70	6.80	14.3	
Endrin ketone	1	7.63	7.58	7.68	17.3	8.4
	2	6.99	6.94	7.04	15.9	
alpha-BHC	1	4.00	3.95	4.05	18.7	0
	2	3.39	3.34	3.44	18.7	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	19.8	5.7
	2	3.73	3.68	3.78	18.7	
Heptachlor	1	4.93	4.88	4.98	18.4	1.1
	2	4.08	4.03	4.13	18.2	
Aldrin	1	5.27	5.22	5.32	19.3	4.2
	2	4.37	4.32	4.42	18.5	
beta-BHC	1	4.52	4.47	4.57	15.3	28.6
	2	4.03	3.98	4.08	20.4	
delta-BHC	1	4.76	4.71	4.81	20.0	7.8
	2	4.26	4.21	4.31	18.5	
Heptachlor epoxide	1	5.69	5.64	5.74	18.2	10.9
	2	4.87	4.82	4.92	20.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILEMSD

Contract: JPCL01

Lab Code: CHEM Case No.: Q2473

SAS No.: Q2473

SDG NO.: Q2473

Lab Sample ID: Q2475-01MSD

Date(s) Analyzed: 07/02/2025 07/02/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	20.1	0.5
	2	5.25	5.20	5.30	20.2	
gamma-Chlordane	1	5.95	5.90	6.00	19.3	3.7
	2	5.12	5.07	5.17	18.6	
alpha-Chlordane	1	6.03	5.98	6.08	22.2	1.4
	2	5.19	5.14	5.24	21.9	
4,4'-DDE	1	6.20	6.15	6.25	15.0	24
	2	5.38	5.33	5.43	19.1	
Dieldrin	1	6.35	6.30	6.40	18.4	12.7
	2	5.51	5.46	5.56	20.9	
Endrin	1	6.57	6.52	6.62	17.8	4.9
	2	5.79	5.74	5.84	18.7	