

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

HW0425-PT-PEST-SOIL

Contract: ALLI03

Lab Code: CHEM

Case No.: Q1872

SAS No.: Q1872

SDG NO.: Q1872

Lab Sample ID: Q1872-20

Date(s) Analyzed: 05/27/2025

05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	6.73	6.68	6.78	210	4.9
	2	5.92	5.87	5.97	200	
Endosulfan II	1	6.81	6.76	6.86	142	2.1
	2	6.07	6.02	6.12	139	
4,4'-DDT	1	7.05	7.00	7.10	110	8.5
	2	6.18	6.13	6.23	101	
Endrin aldehyde	1	6.94	6.89	6.99	100	0
	2	6.25	6.20	6.30	100	
Endosulfan sulfate	1	7.18	7.13	7.23	76.6	3.9
	2	6.47	6.42	6.52	73.7	
Methoxychlor	1	7.52	7.47	7.57	102	15.2
	2	6.75	6.70	6.80	87.6	
Endrin ketone	1	7.66	7.61	7.71	224	12.8
	2	6.98	6.93	7.03	197	
alpha-BHC	1	4.03	3.98	4.08	50.9	1.4
	2	3.39	3.34	3.44	50.2	
gamma-BHC (Lindane)	1	4.36	4.31	4.41	143	4.3
	2	3.73	3.68	3.78	137	
Heptachlor	1	4.96	4.91	5.01	236	12.6
	2	4.08	4.03	4.13	208	
Aldrin	1	5.30	5.25	5.35	75.0	0.3
	2	4.36	4.31	4.41	74.8	
beta-BHC	1	4.54	4.49	4.59	317	5.5
	2	4.02	3.97	4.07	300	
delta-BHC	1	4.79	4.74	4.84	148	4.8
	2	4.26	4.21	4.31	141	
Heptachlor epoxide	1	5.72	5.67	5.77	169	6.1
	2	4.87	4.82	4.92	159	

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Lab Sample ID: Q1872-20

Date(s) Analyzed: 05/27/2025 05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	6.10	6.05	6.15	279	9.4
	2	5.24	5.19	5.29	254	
gamma-Chlordane	1	5.97	5.92	6.02	274	9.6
	2	5.12	5.07	5.17	249	
alpha-Chlordane	1	6.05	6.00	6.10	200	7.3
	2	5.18	5.13	5.23	186	
4,4'-DDE	1	6.22	6.17	6.27	245	11.7
	2	5.37	5.32	5.42	218	
Dieldrin	1	6.38	6.33	6.43	270	12.6
	2	5.50	5.45	5.55	238	
Endrin	1	6.60	6.55	6.65	164	12.3
	2	5.78	5.73	5.83	145	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

HW0425-PT-PEST-SOILDL

Contract: ALLI03

Lab Code: CHEM

Case No.: Q1872

SAS No.: Q1872

SDG NO.: Q1872

Lab Sample ID: Q1872-20DL

Date(s) Analyzed: 05/27/2025

05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	6.74	6.69	6.79	198	1
	2	5.92	5.87	5.97	200	
4,4'-DDT	1	7.05	7.00	7.10	102	7.7
	2	6.17	6.12	6.22	94.4	
alpha-BHC	1	4.03	3.98	4.08	44.5	1.6
	2	3.39	3.34	3.44	43.8	
Aldrin	1	5.30	5.25	5.35	70.3	3.5
	2	4.36	4.31	4.41	67.9	
beta-BHC	1	4.55	4.50	4.60	308	0.3
	2	4.02	3.97	4.07	307	
delta-BHC	1	4.80	4.75	4.85	132	3.1
	2	4.25	4.20	4.30	128	
Endosulfan I	1	6.10	6.05	6.15	286	1.8
	2	5.24	5.19	5.29	281	
alpha-Chlordane	1	6.06	6.01	6.11	189	2.7
	2	5.18	5.13	5.23	184	
4,4'-DDE	1	6.23	6.18	6.28	228	4
	2	5.37	5.32	5.42	219	
Dieldrin	1	6.38	6.33	6.43	263	3.5
	2	5.50	5.45	5.55	254	
Endosulfan II	1	6.82	6.77	6.87	143	2.8
	2	6.07	6.02	6.12	139	
Endrin aldehyde	1	6.95	6.90	7.00	102	1
	2	6.25	6.20	6.30	101	
Endosulfan sulfate	1	7.18	7.13	7.23	77.5	6.4
	2	6.47	6.42	6.52	72.7	
Methoxychlor	1	7.53	7.48	7.58	102	10
	2	6.74	6.69	6.79	92.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

HW0425-PT-PEST-SOILDL

Contract: ALLI03

Lab Code: CHEM

Case No.: Q1872

SAS No.: Q1872

SDG NO.: Q1872

Lab Sample ID: Q1872-20DL

Date(s) Analyzed: 05/27/2025 05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	7.66	7.61	7.71	220	0
	2	6.97	6.92	7.02	220	
gamma-BHC (Lindane)	1	4.36	4.31	4.41	127	1.6
	2	3.72	3.67	3.77	125	
Heptachlor	1	4.96	4.91	5.01	229	4.5
	2	4.08	4.03	4.13	219	
Heptachlor epoxide	1	5.72	5.67	5.77	170	3
	2	4.86	4.81	4.91	165	
gamma-Chlordane	1	5.98	5.93	6.03	254	3.6
	2	5.12	5.07	5.17	245	
Endrin	1	6.61	6.56	6.66	156	5.3
	2	5.78	5.73	5.83	148	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168151BS

Contract: ALLI03

Lab Code: CHEM

Case No.: Q1872

SAS No.: Q1872

SDG NO.: Q1872

Lab Sample ID: PB168151BS

Date(s) Analyzed: 05/27/2025

05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	6.74	6.69	6.79	15.2	1.3
	2	5.92	5.87	5.97	15.4	
4,4'-DDE	1	6.23	6.18	6.28	15.6	1.9
	2	5.37	5.32	5.42	15.3	
4,4'-DDT	1	7.05	7.00	7.10	15.4	2
	2	6.18	6.13	6.23	15.1	
alpha-BHC	1	4.03	3.98	4.08	15.3	1.3
	2	3.39	3.34	3.44	15.1	
Aldrin	1	5.30	5.25	5.35	15.6	1.9
	2	4.36	4.31	4.41	15.3	
alpha-Chlordane	1	6.06	6.01	6.11	15.6	1.9
	2	5.18	5.13	5.23	15.3	
Endosulfan II	1	6.82	6.77	6.87	15.2	1.3
	2	6.07	6.02	6.12	15.4	
Endosulfan sulfate	1	7.18	7.13	7.23	15.5	2
	2	6.47	6.42	6.52	15.2	
beta-BHC	1	4.55	4.50	4.60	15.0	2
	2	4.02	3.97	4.07	14.7	
delta-BHC	1	4.80	4.75	4.85	15.0	0.7
	2	4.26	4.21	4.31	14.9	
Endosulfan I	1	6.10	6.05	6.15	15.5	1.3
	2	5.24	5.19	5.29	15.3	
Dieldrin	1	6.38	6.33	6.43	15.7	2.6
	2	5.50	5.45	5.55	15.3	
Endrin aldehyde	1	6.95	6.90	7.00	15.6	0
	2	6.25	6.20	6.30	15.6	
Methoxychlor	1	7.53	7.48	7.58	15.9	10.6
	2	6.75	6.70	6.80	14.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168151BS

Contract: ALLI03

Lab Code: CHEM

Case No.: Q1872

SAS No.: Q1872

SDG NO.: Q1872

Lab Sample ID: PB168151BS

Date(s) Analyzed: 05/27/2025

05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	7.66	7.61	7.71	15.5	0.6
	2	6.98	6.93	7.03	15.4	
gamma-BHC (Lindane)	1	4.36	4.31	4.41	15.1	0.7
	2	3.73	3.68	3.78	15.0	
Heptachlor	1	4.96	4.91	5.01	15.2	2.7
	2	4.08	4.03	4.13	14.8	
Heptachlor epoxide	1	5.72	5.67	5.77	15.6	2.6
	2	4.87	4.82	4.92	15.2	
gamma-Chlordane	1	5.98	5.93	6.03	15.9	3.2
	2	5.12	5.07	5.17	15.4	
Endrin	1	6.61	6.56	6.66	15.1	2
	2	5.78	5.73	5.83	14.8	
Mirex	1	8.14	8.09	8.19	15.9	0.6
	2	7.17	7.12	7.22	15.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-02-MHFMS

Contract: ALLI03

Lab Code: CHEM

Case No.: Q1872

SAS No.: Q1872

SDG NO.: Q1872

Lab Sample ID: Q2109-01MS

Date(s) Analyzed: 05/27/2025

05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	6.81	6.76	6.86	13.8	0
	2	6.07	6.02	6.12	13.8	
4,4'-DDD	1	6.73	6.68	6.78	13.8	4.3
	2	5.92	5.87	5.97	14.4	
4,4'-DDT	1	7.05	7.00	7.10	13.6	12.5
	2	6.17	6.12	6.22	12.0	
Endrin aldehyde	1	6.94	6.89	6.99	14.4	1.4
	2	6.25	6.20	6.30	14.2	
Endosulfan sulfate	1	7.17	7.12	7.22	14.1	14.4
	2	6.47	6.42	6.52	12.2	
Methoxychlor	1	7.52	7.47	7.57	12.8	11.6
	2	6.75	6.70	6.80	11.4	
Endrin ketone	1	7.65	7.60	7.70	14.3	27.9
	2	6.97	6.92	7.02	10.8	
alpha-BHC	1	4.02	3.97	4.07	15.4	1.9
	2	3.39	3.34	3.44	15.7	
gamma-BHC (Lindane)	1	4.35	4.30	4.40	16.0	7.1
	2	3.73	3.68	3.78	14.9	
Heptachlor	1	4.95	4.90	5.00	14.9	0
	2	4.08	4.03	4.13	14.9	
Aldrin	1	5.29	5.24	5.34	15.4	0.7
	2	4.37	4.32	4.42	15.3	
beta-BHC	1	4.54	4.49	4.59	9.20	56.8
	2	4.02	3.97	4.07	16.5	
delta-BHC	1	4.79	4.74	4.84	15.7	8.6
	2	4.26	4.21	4.31	14.4	
Heptachlor epoxide	1	5.72	5.67	5.77	14.7	4.7
	2	4.87	4.82	4.92	15.4	

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CLIENT SAMPLE NO.

TP-02-MHFMS

Contract: ALLI03

Lab Code: CHEM

Case No.: Q1872

SAS No.: Q1872

SDG NO.: Q1872

Lab Sample ID: Q2109-01MS

Date(s) Analyzed: 05/27/2025

05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	6.10	6.05	6.15	16.2	22.7
	2	5.24	5.19	5.29	12.9	
gamma-Chlordane	1	5.97	5.92	6.02	15.6	6.6
	2	5.12	5.07	5.17	14.6	
alpha-Chlordane	1	6.05	6.00	6.10	15.3	6.8
	2	5.18	5.13	5.23	14.3	
4,4'-DDE	1	6.22	6.17	6.27	10.7	23.9
	2	5.37	5.32	5.42	13.6	
Dieldrin	1	6.37	6.32	6.42	14.5	4.2
	2	5.50	5.45	5.55	13.9	
Endrin	1	6.60	6.55	6.65	12.9	5.3
	2	5.78	5.73	5.83	13.6	
Mirex	1	8.14	8.09	8.19	14.8	23.4
	2	7.17	7.12	7.22	11.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-02-MHFMSD

Contract: ALLI03

Lab Code: CHEM Case No.: Q1872

SAS No.: Q1872 SDG NO.: Q1872

Lab Sample ID: Q2109-01MSD

Date(s) Analyzed: 05/27/2025 05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	1	4.95	4.90	5.00	15.1	0.7
	2	4.08	4.03	4.13	15.2	
Aldrin	1	5.29	5.24	5.34	15.6	1.3
	2	4.37	4.32	4.42	15.8	
beta-BHC	1	4.54	4.49	4.59	9.90	51.1
	2	4.02	3.97	4.07	16.7	
delta-BHC	1	4.79	4.74	4.84	16.0	0.6
	2	4.26	4.21	4.31	15.9	
Heptachlor epoxide	1	5.72	5.67	5.77	15.0	7.7
	2	4.87	4.82	4.92	16.2	
Endosulfan I	1	6.10	6.05	6.15	16.6	37.1
	2	5.24	5.19	5.29	11.4	
gamma-Chlordane	1	5.97	5.92	6.02	16.1	7.1
	2	5.12	5.07	5.17	15.0	
alpha-Chlordane	1	6.05	6.00	6.10	15.8	8.6
	2	5.18	5.13	5.23	14.5	
4,4'-DDE	1	6.22	6.17	6.27	10.8	25.8
	2	5.37	5.32	5.42	14.0	
Dieldrin	1	6.37	6.32	6.42	14.7	9.1
	2	5.50	5.45	5.55	16.1	
Endrin	1	6.60	6.55	6.65	13.0	12.3
	2	5.78	5.73	5.83	14.7	
Mirex	1	8.14	8.09	8.19	28.1	80.3
	2	7.17	7.12	7.22	12.0	
Endosulfan II	1	6.81	6.76	6.86	13.9	6.3
	2	6.07	6.02	6.12	14.8	
4,4'-DDD	1	6.73	6.68	6.78	14.3	0.7
	2	5.92	5.87	5.97	14.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-02-MHFMSD

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1872

SAS No.: Q1872 **SDG NO.:** Q1872

Lab Sample ID: Q2109-01MSD

Date(s) Analyzed: 05/27/2025 05/27/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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	7.05	7.00	7.10	13.8	10.7
	2	6.18	6.13	6.23	12.4	
Endrin aldehyde	1	6.94	6.89	6.99	14.9	5.5
	2	6.25	6.20	6.30	14.1	
Endosulfan sulfate	1	7.18	7.13	7.23	14.3	12.6
	2	6.47	6.42	6.52	12.6	
Methoxychlor	1	7.52	7.47	7.57	13.0	10.5
	2	6.75	6.70	6.80	11.7	
Endrin ketone	1	7.66	7.61	7.71	15.6	32
	2	6.97	6.92	7.02	11.3	
alpha-BHC	1	4.02	3.97	4.07	15.4	5.1
	2	3.39	3.34	3.44	16.2	
gamma-BHC (Lindane)	1	4.35	4.30	4.40	16.3	7.6
	2	3.73	3.68	3.78	15.1	