

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-TW2-251023-01

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: Q3447-03

Date(s) Analyzed: 10/27/2025 10/27/2025

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	22.9	41
	2	6.17	6.12	6.22	34.7	
Endosulfan sulfate	1	7.14	7.09	7.19	14.7	57.9
	2	6.47	6.42	6.52	8.10	
Aldrin	1	5.26	5.21	5.31	7.60	25.2
	2	4.36	4.31	4.41	5.90	
Endosulfan I	1	6.06	6.01	6.11	4.10	60.3
	2	5.23	5.18	5.28	2.20	
alpha-Chlordane	1	6.03	5.98	6.08	5.30	28
	2	5.18	5.13	5.23	4.00	
4,4'-DDE	1	6.19	6.14	6.24	19.7	7.9
	2	5.38	5.33	5.43	18.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170235BS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: PB170235BS

Date(s) Analyzed: 10/24/2025

10/24/2025

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	17.1	5.4
	2	5.92	5.87	5.97	16.2	
4,4'-DDE	1	6.19	6.14	6.24	15.4	2.6
	2	5.36	5.31	5.41	15.8	
4,4'-DDT	1	7.01	6.96	7.06	15.8	0.6
	2	6.17	6.12	6.22	15.7	
alpha-BHC	1	3.99	3.94	4.04	15.7	3.2
	2	3.39	3.34	3.44	15.2	
Aldrin	1	5.26	5.21	5.31	15.7	2.6
	2	4.36	4.31	4.41	15.3	
alpha-Chlordane	1	6.02	5.97	6.07	15.3	1.3
	2	5.18	5.13	5.23	15.5	
Endosulfan II	1	6.78	6.73	6.83	16.2	1.9
	2	6.07	6.02	6.12	15.9	
Endosulfan sulfate	1	7.14	7.09	7.19	15.8	1.9
	2	6.47	6.42	6.52	16.1	
beta-BHC	1	4.51	4.46	4.56	15.3	1.3
	2	4.02	3.97	4.07	15.1	
delta-BHC	1	4.76	4.71	4.81	15.8	2.6
	2	4.25	4.20	4.30	15.4	
Endosulfan I	1	6.07	6.02	6.12	15.8	7.2
	2	5.24	5.19	5.29	14.7	
Dieldrin	1	6.34	6.29	6.39	16.0	1.3
	2	5.50	5.45	5.55	15.8	
Endrin aldehyde	1	6.91	6.86	6.96	16.5	0.6
	2	6.25	6.20	6.30	16.4	
Methoxychlor	1	7.49	7.44	7.54	15.4	2.6
	2	6.74	6.69	6.79	15.8	

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PB170235BS

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Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: PB170235BS

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Instrument ID (2): ECD_D

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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	7.62	7.57	7.67	16.4	3.6
	2	6.98	6.93	7.03	17.0	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	15.5	2
	2	3.72	3.67	3.77	15.2	
Heptachlor	1	4.92	4.87	4.97	18.2	15.4
	2	4.07	4.02	4.12	15.6	
Heptachlor epoxide	1	5.68	5.63	5.73	15.9	3.8
	2	4.86	4.81	4.91	15.3	
gamma-Chlordane	1	5.94	5.89	5.99	15.7	0.6
	2	5.12	5.07	5.17	15.6	
Endrin	1	6.57	6.52	6.62	15.4	0.6
	2	5.78	5.73	5.83	15.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-10MS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: Q3439-05MS

Date(s) Analyzed: 10/24/2025 10/24/2025

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	6.78	6.73	6.83	17.3	3.5
	2	6.07	6.02	6.12	16.7	
4,4'-DDD	1	6.70	6.65	6.75	18.4	14.6
	2	5.92	5.87	5.97	15.9	
4,4'-DDT	1	7.01	6.96	7.06	16.7	3.7
	2	6.17	6.12	6.22	16.1	
Endrin aldehyde	1	6.91	6.86	6.96	17.6	7.7
	2	6.25	6.20	6.30	16.3	
Endosulfan sulfate	1	7.14	7.09	7.19	17.1	6
	2	6.47	6.42	6.52	16.1	
Methoxychlor	1	7.49	7.44	7.54	16.4	7.6
	2	6.74	6.69	6.79	15.2	
Endrin ketone	1	7.62	7.57	7.67	17.3	11.6
	2	6.98	6.93	7.03	15.4	
alpha-BHC	1	3.99	3.94	4.04	19.6	4.7
	2	3.39	3.34	3.44	18.7	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	19.1	3.7
	2	3.72	3.67	3.77	18.4	
Heptachlor	1	4.92	4.87	4.97	21.8	15.8
	2	4.07	4.02	4.12	18.6	
Aldrin	1	5.26	5.21	5.31	18.6	2.7
	2	4.36	4.31	4.41	18.1	
beta-BHC	1	4.51	4.46	4.56	18.7	3.3
	2	4.02	3.97	4.07	18.1	
delta-BHC	1	4.76	4.71	4.81	19.5	8
	2	4.25	4.20	4.30	18.0	
Heptachlor epoxide	1	5.68	5.63	5.73	18.8	4.9
	2	4.86	4.81	4.91	17.9	

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TP-10MS

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Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: Q3439-05MS

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ID: 0.32 (mm)

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			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	18.0	4.5
	2	5.24	5.19	5.29	17.2	
gamma-Chlordane	1	5.94	5.89	5.99	17.4	0
	2	5.12	5.07	5.17	17.4	
alpha-Chlordane	1	6.02	5.97	6.07	17.9	3.4
	2	5.18	5.13	5.23	17.3	
4,4'-DDE	1	6.19	6.14	6.24	17.6	3.5
	2	5.36	5.31	5.41	17.0	
Dieldrin	1	6.34	6.29	6.39	17.8	4
	2	5.50	5.45	5.55	17.1	
Endrin	1	6.57	6.52	6.62	17.4	6.5
	2	5.78	5.73	5.83	16.3	

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	2	5.92	5.87	5.97	16.1	
4,4'-DDT	1	7.01	6.96	7.06	17.4	5.3
	2	6.17	6.12	6.22	16.5	
Endrin aldehyde	1	6.91	6.86	6.96	17.6	6.5
	2	6.25	6.20	6.30	16.5	
Endosulfan sulfate	1	7.14	7.09	7.19	16.9	3
	2	6.47	6.42	6.52	16.4	
Methoxychlor	1	7.49	7.44	7.54	17.0	9.9
	2	6.74	6.69	6.79	15.4	
Endrin ketone	1	7.62	7.57	7.67	18.3	11
	2	6.98	6.93	7.03	16.4	
alpha-BHC	1	3.99	3.94	4.04	19.7	5.7
	2	3.39	3.34	3.44	18.6	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	19.1	3.7
	2	3.72	3.67	3.77	18.4	
Heptachlor	1	4.92	4.87	4.97	22.1	17.2
	2	4.07	4.02	4.12	18.6	
Aldrin	1	5.26	5.21	5.31	19.0	5.4
	2	4.36	4.31	4.41	18.0	
beta-BHC	1	4.51	4.46	4.56	18.5	1.6
	2	4.02	3.97	4.07	18.2	
delta-BHC	1	4.76	4.71	4.81	19.4	6.9
	2	4.25	4.20	4.30	18.1	
Heptachlor epoxide	1	5.68	5.63	5.73	18.6	3.3
	2	4.86	4.81	4.91	18.0	

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	2	5.24	5.19	5.29	17.7	
gamma-Chlordane	1	5.94	5.89	5.99	18.0	1.7
	2	5.12	5.07	5.17	17.7	
alpha-Chlordane	1	6.02	5.97	6.07	18.0	1.7
	2	5.18	5.13	5.23	17.7	
4,4'-DDE	1	6.19	6.14	6.24	17.7	2.3
	2	5.36	5.31	5.41	17.3	
Dieldrin	1	6.34	6.29	6.39	18.2	5.6
	2	5.50	5.45	5.55	17.2	
Endrin	1	6.57	6.52	6.62	17.8	7.6
	2	5.78	5.73	5.83	16.5	