

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: Q3179-02MS

Date(s) Analyzed: 09/29/2025 09/29/2025

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	0.043	7.4
	2	6.07	6.02	6.12	0.040	
4,4'-DDD	1	6.70	6.65	6.75	0.042	6.9
	2	5.92	5.87	5.97	0.039	
4,4'-DDT	1	7.02	6.97	7.07	0.044	7.9
	2	6.18	6.13	6.23	0.040	
Endrin aldehyde	1	6.91	6.86	6.96	0.044	5.4
	2	6.25	6.20	6.30	0.042	
Endosulfan sulfate	1	7.14	7.09	7.19	0.043	6.8
	2	6.47	6.42	6.52	0.040	
Methoxychlor	1	7.49	7.44	7.54	0.045	12.7
	2	6.74	6.69	6.79	0.040	
Endrin ketone	1	7.62	7.57	7.67	0.044	12.5
	2	6.98	6.93	7.03	0.038	
alpha-BHC	1	4.00	3.95	4.05	0.042	4.9
	2	3.39	3.34	3.44	0.040	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.045	14
	2	3.72	3.67	3.77	0.039	
Heptachlor	1	4.92	4.87	4.97	0.038	1.1
	2	4.08	4.03	4.13	0.037	
Aldrin	1	5.27	5.22	5.32	0.036	1.7
	2	4.36	4.31	4.41	0.036	
beta-BHC	1	4.51	4.46	4.56	0.040	5.2
	2	4.02	3.97	4.07	0.042	
delta-BHC	1	4.76	4.71	4.81	0.046	16
	2	4.26	4.21	4.31	0.039	
Heptachlor epoxide	1	5.68	5.63	5.73	0.041	2.4
	2	4.87	4.82	4.92	0.042	

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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	0.042	5.1
	2	5.24	5.19	5.29	0.040	
gamma-Chlordane	1	5.94	5.89	5.99	0.039	0.8
	2	5.12	5.07	5.17	0.039	
alpha-Chlordane	1	6.02	5.97	6.07	0.040	2.5
	2	5.18	5.13	5.23	0.039	
4,4'-DDE	1	6.19	6.14	6.24	0.041	6.5
	2	5.37	5.32	5.42	0.038	
Dieldrin	1	6.34	6.29	6.39	0.043	6.5
	2	5.51	5.46	5.56	0.040	
Endrin	1	6.57	6.52	6.62	0.044	8.4
	2	5.78	5.73	5.83	0.040	

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CLIENT SAMPLE NO.

EME-TS14-01MSD

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: Q3179-03MSD

Date(s) Analyzed: 09/29/2025 09/29/2025

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	0.042	7.4
	2	5.92	5.87	5.97	0.039	
4,4'-DDT	1	7.02	6.97	7.07	0.043	8.2
	2	6.17	6.12	6.22	0.040	
alpha-BHC	1	4.00	3.95	4.05	0.042	5.4
	2	3.39	3.34	3.44	0.040	
Aldrin	1	5.27	5.22	5.32	0.035	2
	2	4.36	4.31	4.41	0.034	
beta-BHC	1	4.51	4.46	4.56	0.040	3
	2	4.02	3.97	4.07	0.041	
delta-BHC	1	4.76	4.71	4.81	0.042	7.1
	2	4.26	4.21	4.31	0.039	
Endosulfan I	1	6.07	6.02	6.12	0.042	5.4
	2	5.24	5.19	5.29	0.040	
alpha-Chlordane	1	6.02	5.97	6.07	0.041	6.6
	2	5.18	5.13	5.23	0.038	
4,4'-DDE	1	6.19	6.14	6.24	0.040	5.9
	2	5.37	5.32	5.42	0.038	
Dieldrin	1	6.34	6.29	6.39	0.042	6.8
	2	5.50	5.45	5.55	0.040	
Endosulfan II	1	6.78	6.73	6.83	0.043	7
	2	6.07	6.02	6.12	0.040	
Endrin aldehyde	1	6.91	6.86	6.96	0.044	5.4
	2	6.25	6.20	6.30	0.042	
Endosulfan sulfate	1	7.14	7.09	7.19	0.043	6.6
	2	6.47	6.42	6.52	0.040	
Methoxychlor	1	7.49	7.44	7.54	0.044	9.8
	2	6.74	6.69	6.79	0.040	

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EME-TS14-01MSD

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Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

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Date(s) Analyzed: 09/29/2025 09/29/2025

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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	7.62	7.57	7.67	0.044	12.4
	2	6.98	6.93	7.03	0.039	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.041	3
	2	3.72	3.67	3.77	0.040	
Heptachlor	1	4.92	4.87	4.97	0.037	4.2
	2	4.08	4.03	4.13	0.035	
Heptachlor epoxide	1	5.68	5.63	5.73	0.040	11.1
	2	4.86	4.81	4.91	0.045	
gamma-Chlordane	1	5.94	5.89	5.99	0.038	0.8
	2	5.12	5.07	5.17	0.038	
Endrin	1	6.57	6.52	6.62	0.043	8.4
	2	5.78	5.73	5.83	0.040	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169882BS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3179

Lab Sample ID: PB169882BS

Date(s) Analyzed: 09/29/2025 09/29/2025

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	0.050	8.7
	2	6.07	6.02	6.12	0.046	
4,4'-DDD	1	6.70	6.65	6.75	0.051	10.1
	2	5.92	5.87	5.97	0.046	
4,4'-DDT	1	7.02	6.97	7.07	0.049	4.8
	2	6.17	6.12	6.22	0.046	
Endrin aldehyde	1	6.91	6.86	6.96	0.051	6
	2	6.25	6.20	6.30	0.048	
Endosulfan sulfate	1	7.15	7.10	7.20	0.048	5.1
	2	6.47	6.42	6.52	0.046	
Methoxychlor	1	7.49	7.44	7.54	0.053	13.8
	2	6.75	6.70	6.80	0.046	
Endrin ketone	1	7.63	7.58	7.68	0.048	6.2
	2	6.98	6.93	7.03	0.051	
alpha-BHC	1	4.00	3.95	4.05	0.049	4.6
	2	3.39	3.34	3.44	0.047	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.048	3
	2	3.72	3.67	3.77	0.047	
Heptachlor	1	4.92	4.87	4.97	0.050	5.8
	2	4.08	4.03	4.13	0.047	
Aldrin	1	5.27	5.22	5.32	0.049	4.4
	2	4.36	4.31	4.41	0.047	
beta-BHC	1	4.51	4.46	4.56	0.046	0.2
	2	4.02	3.97	4.07	0.046	
delta-BHC	1	4.76	4.71	4.81	0.049	5.9
	2	4.26	4.21	4.31	0.046	
Heptachlor epoxide	1	5.69	5.64	5.74	0.048	16.7
	2	4.86	4.81	4.91	0.057	

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PB169882BS

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Lab Code: ACE

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ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	0.048	7.6
	2	5.24	5.19	5.29	0.044	
gamma-Chlordane	1	5.94	5.89	5.99	0.046	0.4
	2	5.12	5.07	5.17	0.046	
alpha-Chlordane	1	6.02	5.97	6.07	0.045	2.6
	2	5.18	5.13	5.23	0.046	
4,4'-DDE	1	6.19	6.14	6.24	0.049	4.2
	2	5.37	5.32	5.42	0.047	
Dieldrin	1	6.34	6.29	6.39	0.049	7.4
	2	5.50	5.45	5.55	0.046	
Endrin	1	6.57	6.52	6.62	0.051	2
	2	5.78	5.73	5.83	0.050	