

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS12-01

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: Q3176-01

Date(s) Analyzed: 09/30/2025 09/30/2025

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	6.66	6.61	6.71	1.80	57.1
	2	5.85	5.80	5.90	1.00	
4,4'-DDT	1	6.98	6.93	7.03	0.37	17.3
	2	6.10	6.05	6.15	0.44	
gamma-Chlordane	1	5.90	5.85	5.95	0.60	43.7
	2	5.04	4.99	5.09	0.39	
alpha-Chlordane	1	5.99	5.94	6.04	1.10	53.7
	2	5.10	5.05	5.15	0.63	
4,4'-DDE	1	6.15	6.10	6.20	0.53	8.1
	2	5.29	5.24	5.34	0.58	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS13-01

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: Q3176-02

Date(s) Analyzed: 09/30/2025 09/30/2025

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	6.66	6.61	6.71	1.10	29.6
	2	5.85	5.80	5.90	0.82	
4,4'-DDT	1	6.98	6.93	7.03	0.36	7
	2	6.10	6.05	6.15	0.34	
gamma-Chlordane	1	5.90	5.85	5.95	0.75	8.6
	2	5.04	4.99	5.09	0.82	
alpha-Chlordane	1	5.99	5.94	6.04	1.20	74.4
	2	5.11	5.06	5.16	0.55	
4,4'-DDE	1	6.15	6.10	6.20	0.43	13.2
	2	5.29	5.24	5.34	0.38	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: Q3178-02MS

Date(s) Analyzed: 09/30/2025 09/30/2025

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	6.74	6.69	6.79	10.7	11.9
	2	5.99	5.94	6.04	9.50	
4,4'-DDD	1	6.66	6.61	6.71	12.0	22.2
	2	5.85	5.80	5.90	9.60	
4,4'-DDT	1	6.98	6.93	7.03	10.2	34.5
	2	6.10	6.05	6.15	7.20	
Endrin aldehyde	1	6.87	6.82	6.92	6.20	29.6
	2	6.17	6.12	6.22	4.60	
Endosulfan sulfate	1	7.11	7.06	7.16	10.5	32
	2	6.39	6.34	6.44	7.60	
Methoxychlor	1	7.45	7.40	7.50	9.60	29.9
	2	6.67	6.62	6.72	7.10	
Endrin ketone	1	7.58	7.53	7.63	12.1	35
	2	6.90	6.85	6.95	8.50	
alpha-BHC	1	3.97	3.92	4.02	12.8	3.1
	2	3.33	3.28	3.38	13.2	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	9.60	4.1
	2	3.66	3.61	3.71	10.0	
Heptachlor	1	4.89	4.84	4.94	9.00	3.3
	2	4.01	3.96	4.06	9.30	
Aldrin	1	5.23	5.18	5.28	11.3	6
	2	4.29	4.24	4.34	12.0	
beta-BHC	1	4.49	4.44	4.54	12.6	2.4
	2	3.96	3.91	4.01	12.3	
delta-BHC	1	4.73	4.68	4.78	10.6	6.8
	2	4.19	4.14	4.24	9.90	
Heptachlor epoxide	1	5.65	5.60	5.70	11.6	0.9
	2	4.79	4.74	4.84	11.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: Q3178-02MS

Date(s) Analyzed: 09/30/2025 09/30/2025

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	6.03	5.98	6.08	12.6	19.1
	2	5.16	5.11	5.21	10.4	
gamma-Chlordane	1	5.90	5.85	5.95	13.0	13.1
	2	5.04	4.99	5.09	11.4	
alpha-Chlordane	1	5.98	5.93	6.03	12.2	8.5
	2	5.11	5.06	5.16	11.2	
4,4'-DDE	1	6.15	6.10	6.20	12.7	10.8
	2	5.30	5.25	5.35	11.4	
Dieldrin	1	6.30	6.25	6.35	11.4	5.4
	2	5.43	5.38	5.48	10.8	
Endrin	1	6.53	6.48	6.58	11.6	10.9
	2	5.70	5.65	5.75	10.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MSD

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: Q3178-03MSD

Date(s) Analyzed: 09/30/2025

09/30/2025

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	6.74	6.69	6.79	13.2	6.2
	2	5.99	5.94	6.04	12.4	
4,4'-DDD	1	6.66	6.61	6.71	16.2	23.4
	2	5.85	5.80	5.90	12.8	
4,4'-DDT	1	6.98	6.93	7.03	11.7	21.8
	2	6.10	6.05	6.15	9.40	
Endrin aldehyde	1	6.87	6.82	6.92	6.30	29.1
	2	6.17	6.12	6.22	4.70	
Endosulfan sulfate	1	7.11	7.06	7.16	12.6	17.2
	2	6.39	6.34	6.44	10.6	
Methoxychlor	1	7.45	7.40	7.50	10.8	12.8
	2	6.67	6.62	6.72	9.50	
Endrin ketone	1	7.58	7.53	7.63	15.0	40
	2	6.90	6.85	6.95	10.0	
alpha-BHC	1	3.97	3.92	4.02	16.2	0
	2	3.33	3.28	3.38	16.2	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	4.10	2.5
	2	3.66	3.61	3.71	4.00	
Heptachlor	1	4.89	4.84	4.94	6.50	1.6
	2	4.01	3.96	4.06	6.40	
Aldrin	1	5.23	5.18	5.28	14.6	6
	2	4.29	4.24	4.34	15.5	
beta-BHC	1	4.49	4.44	4.54	15.7	2.6
	2	3.96	3.91	4.01	15.3	
delta-BHC	1	4.73	4.68	4.78	13.9	2.2
	2	4.19	4.14	4.24	13.6	
Heptachlor epoxide	1	5.65	5.60	5.70	14.7	2.7
	2	4.79	4.74	4.84	15.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-01MSD

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: Q3178-03MSD

Date(s) Analyzed: 09/30/2025 09/30/2025

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	6.03	5.98	6.08	14.6	10.8
	2	5.16	5.11	5.21	13.1	
gamma-Chlordane	1	5.90	5.85	5.95	15.8	5.9
	2	5.04	4.99	5.09	14.9	
alpha-Chlordane	1	5.98	5.93	6.03	15.3	4.7
	2	5.11	5.06	5.16	14.6	
4,4'-DDE	1	6.15	6.10	6.20	16.4	13.7
	2	5.30	5.25	5.35	14.3	
Dieldrin	1	6.30	6.25	6.35	14.5	1.4
	2	5.43	5.38	5.48	14.7	
Endrin	1	6.53	6.48	6.58	14.7	10.3
	2	5.70	5.65	5.75	16.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

EME-TS14-02

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: Q3176-03

Date(s) Analyzed: 09/30/2025 09/30/2025

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		
alpha-Chlordane	1	5.99	5.94	6.04	0.73	86
	2	5.11	5.06	5.16	0.29	
4,4'-DDE	1	6.15	6.10	6.20	0.35	17.9
	2	5.29	5.24	5.34	0.29	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169826BS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: PB169826BS

Date(s) Analyzed: 09/25/2025 09/25/2025

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	15.2	0.7
	2	5.92	5.87	5.97	15.3	
4,4'-DDE	1	6.20	6.15	6.25	15.0	1.3
	2	5.37	5.32	5.42	15.2	
4,4'-DDT	1	7.02	6.97	7.07	15.9	0.6
	2	6.18	6.13	6.23	16.0	
alpha-BHC	1	4.00	3.95	4.05	15.1	0.7
	2	3.39	3.34	3.44	15.2	
Aldrin	1	5.27	5.22	5.32	15.0	1.3
	2	4.36	4.31	4.41	15.2	
alpha-Chlordane	1	6.03	5.98	6.08	14.9	2
	2	5.18	5.13	5.23	15.2	
Endosulfan II	1	6.79	6.74	6.84	15.2	0
	2	6.07	6.02	6.12	15.2	
Endosulfan sulfate	1	7.15	7.10	7.20	14.7	1.4
	2	6.48	6.43	6.53	14.9	
beta-BHC	1	4.52	4.47	4.57	14.6	2.7
	2	4.02	3.97	4.07	15.0	
delta-BHC	1	4.77	4.72	4.82	14.9	0
	2	4.26	4.21	4.31	14.9	
Endosulfan I	1	6.07	6.02	6.12	15.0	1.3
	2	5.24	5.19	5.29	15.2	
Dieldrin	1	6.35	6.30	6.40	15.0	1.3
	2	5.51	5.46	5.56	15.2	
Endrin aldehyde	1	6.92	6.87	6.97	15.9	1.9
	2	6.25	6.20	6.30	16.2	
Methoxychlor	1	7.50	7.45	7.55	16.6	2.4
	2	6.75	6.70	6.80	17.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169826BS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3176

Lab Sample ID: PB169826BS

Date(s) Analyzed: 09/25/2025 09/25/2025

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	7.63	7.58	7.68	14.9	0.7
	2	6.99	6.94	7.04	15.0	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.9	2
	2	3.73	3.68	3.78	15.2	
Heptachlor	1	4.93	4.88	4.98	15.0	0
	2	4.08	4.03	4.13	15.0	
Heptachlor epoxide	1	5.69	5.64	5.74	14.9	0
	2	4.87	4.82	4.92	14.9	
gamma-Chlordane	1	5.95	5.90	6.00	15.1	0.7
	2	5.12	5.07	5.17	15.2	
Endrin	1	6.58	6.53	6.63	15.3	0.7
	2	5.78	5.73	5.83	15.2	