

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CLAY-CF01-01MS

Contract: ROYF02

Lab Code: CHEM Case No.: Q1421

SAS No.: Q1421 SDG NO.: Q1421

Lab Sample ID: Q1421-02MS

Date(s) Analyzed: 02/25/2025 02/25/2025

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	6.79	6.74	6.84	21.6	12.6
	2	5.93	5.88	5.98	24.5	
Endrin aldehyde	1	6.92	6.87	6.97	22.0	0
	2	6.11	6.06	6.16	22.0	
Endosulfan sulfate	1	7.16	7.11	7.21	22.8	1.7
	2	6.33	6.28	6.38	23.2	
Methoxychlor	1	7.50	7.45	7.55	22.6	7.8
	2	6.61	6.56	6.66	20.9	
Endrin ketone	1	7.64	7.59	7.69	22.6	0.9
	2	6.84	6.79	6.89	22.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	22.9	1.7
	2	3.60	3.55	3.65	23.3	
Heptachlor	1	4.91	4.86	4.96	23.7	5.3
	2	3.94	3.89	3.99	25.0	
delta-BHC	1	4.77	4.72	4.82	23.9	3
	2	4.13	4.08	4.18	23.2	
Heptachlor epoxide	1	5.68	5.63	5.73	22.5	4.8
	2	4.72	4.67	4.77	23.6	
Endosulfan I	1	6.07	6.02	6.12	22.7	5.6
	2	5.09	5.04	5.14	24.0	
gamma-Chlordane	1	5.94	5.89	5.99	22.9	5.1
	2	4.97	4.92	5.02	24.1	
Dieldrin	1	6.34	6.29	6.39	22.9	3
	2	5.36	5.31	5.41	23.6	
Endrin	1	6.57	6.52	6.62	20.9	23.3
	2	5.63	5.58	5.68	26.4	
4,4'-DDD	1	6.71	6.66	6.76	26.5	0.8
	2	5.78	5.73	5.83	26.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CLAY-CF01-01MS

Contract: ROYF02

Lab Code: CHEM Case No.: Q1421

SAS No.: Q1421 SDG NO.: Q1421

Lab Sample ID: Q1421-02MS

Date(s) Analyzed: 02/25/2025 02/25/2025

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	7.02	6.97	7.07	22.8	1.7
	2	6.03	5.98	6.08	23.2	
alpha-BHC	1	3.99	3.94	4.04	23.8	0.4
	2	3.27	3.22	3.32	23.9	
Aldrin	1	5.26	5.21	5.31	22.2	3.5
	2	4.22	4.17	4.27	23.0	
beta-BHC	1	4.53	4.48	4.58	23.8	2.9
	2	3.90	3.85	3.95	24.5	
alpha-Chlordane	1	6.02	5.97	6.07	23.2	3
	2	5.04	4.99	5.09	23.9	
4,4'-DDE	1	6.19	6.14	6.24	24.0	0.4
	2	5.23	5.18	5.28	24.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CLAY-CF01-01MSD

Contract: ROYF02

Lab Code: CHEM Case No.: Q1421

SAS No.: Q1421 SDG NO.: Q1421

Lab Sample ID: Q1421-03MSD

Date(s) Analyzed: 02/25/2025 02/25/2025

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	6.79	6.74	6.84	22.1	10.7
	2	5.93	5.88	5.98	24.6	
4,4'-DDD	1	6.71	6.66	6.76	27.2	2.6
	2	5.78	5.73	5.83	26.5	
4,4'-DDT	1	7.02	6.97	7.07	23.0	4.3
	2	6.03	5.98	6.08	24.0	
Endrin aldehyde	1	6.92	6.87	6.97	22.5	3.1
	2	6.11	6.06	6.16	23.2	
Endosulfan sulfate	1	7.16	7.11	7.21	23.0	2.6
	2	6.33	6.28	6.38	23.6	
alpha-BHC	1	3.99	3.94	4.04	23.6	1.7
	2	3.27	3.22	3.32	24.0	
Aldrin	1	5.26	5.21	5.31	22.3	4.8
	2	4.22	4.17	4.27	23.4	
beta-BHC	1	4.52	4.47	4.57	23.9	6.5
	2	3.90	3.85	3.95	25.5	
delta-BHC	1	4.77	4.72	4.82	23.6	0
	2	4.13	4.08	4.18	23.6	
Endosulfan I	1	6.07	6.02	6.12	22.8	6.4
	2	5.09	5.04	5.14	24.3	
alpha-Chlordane	1	6.02	5.97	6.07	23.4	3.8
	2	5.04	4.99	5.09	24.3	
4,4'-DDE	1	6.19	6.14	6.24	24.2	2
	2	5.23	5.18	5.28	24.7	
Dieldrin	1	6.34	6.29	6.39	23.3	3.4
	2	5.36	5.31	5.41	24.1	
Endrin	1	6.57	6.52	6.62	21.2	24.8
	2	5.63	5.58	5.68	27.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CLAY-CF01-01MSD

Contract: ROYF02

Lab Code: CHEM Case No.: Q1421

SAS No.: Q1421 SDG NO.: Q1421

Lab Sample ID: Q1421-03MSD

Date(s) Analyzed: 02/25/2025 02/25/2025

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		
Methoxychlor	1	7.50	7.45	7.55	22.6	5.9
	2	6.61	6.56	6.66	21.3	
Endrin ketone	1	7.64	7.59	7.69	23.1	3
	2	6.84	6.79	6.89	23.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	22.8	3.4
	2	3.60	3.55	3.65	23.6	
Heptachlor	1	4.91	4.86	4.96	23.5	2.1
	2	3.94	3.89	3.99	24.0	
Heptachlor epoxide	1	5.68	5.63	5.73	23.0	3.4
	2	4.72	4.67	4.77	23.8	
gamma-Chlordane	1	5.94	5.89	5.99	23.2	5.5
	2	4.97	4.92	5.02	24.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166855BS

Contract: ROYF02

Lab Code: CHEM

Case No.: Q1421

SAS No.: Q1421

SDG NO.: Q1421

Lab Sample ID: PB166855BS

Date(s) Analyzed: 02/25/2025

02/25/2025

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	6.71	6.66	6.76	18.9	2.1
	2	5.78	5.73	5.83	19.3	
4,4'-DDE	1	6.20	6.15	6.25	17.1	2.3
	2	5.23	5.18	5.28	17.5	
4,4'-DDT	1	7.03	6.98	7.08	16.4	3
	2	6.03	5.98	6.08	16.9	
alpha-BHC	1	4.00	3.95	4.05	15.8	3.7
	2	3.27	3.22	3.32	16.4	
Aldrin	1	5.26	5.21	5.31	15.6	3.8
	2	4.22	4.17	4.27	16.2	
alpha-Chlordane	1	6.02	5.97	6.07	16.4	3.6
	2	5.04	4.99	5.09	17.0	
Endosulfan II	1	6.80	6.75	6.85	15.9	12.9
	2	5.93	5.88	5.98	18.1	
Endosulfan sulfate	1	7.16	7.11	7.21	16.0	8.4
	2	6.33	6.28	6.38	17.4	
beta-BHC	1	4.53	4.48	4.58	16.3	4.2
	2	3.91	3.86	3.96	17.0	
delta-BHC	1	4.78	4.73	4.83	15.8	1.3
	2	4.13	4.08	4.18	16.0	
Endosulfan I	1	6.07	6.02	6.12	16.2	6
	2	5.10	5.05	5.15	17.2	
Dieldrin	1	6.35	6.30	6.40	16.2	6
	2	5.36	5.31	5.41	17.2	
Endrin aldehyde	1	6.93	6.88	6.98	16.2	4.2
	2	6.11	6.06	6.16	16.9	
Methoxychlor	1	7.50	7.45	7.55	15.3	3.2
	2	6.61	6.56	6.66	15.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166855BS

Contract: ROYF02

Lab Code: CHEM

Case No.: Q1421

SAS No.: Q1421

SDG NO.: Q1421

Lab Sample ID: PB166855BS

Date(s) Analyzed: 02/25/2025

02/25/2025

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	7.65	7.60	7.70	16.5	9.8
	2	6.84	6.79	6.89	18.2	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.5	5
	2	3.60	3.55	3.65	16.3	
Heptachlor	1	4.92	4.87	4.97	16.3	1.8
	2	3.94	3.89	3.99	16.6	
Heptachlor epoxide	1	5.69	5.64	5.74	16.2	3.6
	2	4.73	4.68	4.78	16.8	
gamma-Chlordane	1	5.94	5.89	5.99	16.3	6
	2	4.98	4.93	5.03	17.3	
Endrin	1	6.58	6.53	6.63	13.8	26.4
	2	5.63	5.58	5.68	18.0	