

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: Q1421-05MS

Date(s) Analyzed: 02/27/2025 02/27/2025

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	6.71	6.66	6.76	0.67	0.7
	2	5.78	5.73	5.83	0.67	
4,4'-DDT	1	7.02	6.97	7.07	0.61	3.1
	2	6.03	5.98	6.08	0.63	
alpha-BHC	1	3.99	3.94	4.04	0.57	3.5
	2	3.27	3.22	3.32	0.59	
Aldrin	1	5.26	5.21	5.31	0.54	2.3
	2	4.22	4.17	4.27	0.55	
beta-BHC	1	4.53	4.48	4.58	0.56	5.8
	2	3.90	3.85	3.95	0.60	
delta-BHC	1	4.77	4.72	4.82	0.58	1.5
	2	4.13	4.08	4.18	0.59	
Endosulfan I	1	6.07	6.02	6.12	0.57	5.4
	2	5.09	5.04	5.14	0.60	
alpha-Chlordane	1	6.02	5.97	6.07	0.58	3.2
	2	5.04	4.99	5.09	0.60	
4,4'-DDE	1	6.19	6.14	6.24	0.60	1.8
	2	5.23	5.18	5.28	0.61	
Dieldrin	1	6.34	6.29	6.39	0.58	5.4
	2	5.36	5.31	5.41	0.61	
Endosulfan II	1	6.79	6.74	6.84	0.56	12.6
	2	5.93	5.88	5.98	0.63	
Endrin aldehyde	1	6.92	6.87	6.97	0.54	4.5
	2	6.11	6.06	6.16	0.57	
Endosulfan sulfate	1	7.16	7.11	7.21	0.56	7.1
	2	6.33	6.28	6.38	0.61	
Methoxychlor	1	7.50	7.45	7.55	0.58	2.4
	2	6.61	6.56	6.66	0.60	

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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	7.64	7.59	7.69	0.56	9.3
	2	6.84	6.79	6.89	0.61	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.57	3.5
	2	3.60	3.55	3.65	0.59	
Heptachlor	1	4.91	4.86	4.96	0.56	1.8
	2	3.94	3.89	3.99	0.57	
Heptachlor epoxide	1	5.68	5.63	5.73	0.57	2.1
	2	4.72	4.67	4.77	0.58	
gamma-Chlordane	1	5.94	5.89	5.99	0.58	4.1
	2	4.97	4.92	5.02	0.60	
Endrin	1	6.57	6.52	6.62	0.54	26.4
	2	5.63	5.58	5.68	0.70	

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: **Q1421-06MSD**

Date(s) Analyzed: **02/27/2025** **02/27/2025**

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	7.64	7.59	7.69	0.57	8.2
	2	6.84	6.79	6.89	0.62	
alpha-BHC	1	3.99	3.94	4.04	0.58	3.1
	2	3.27	3.22	3.32	0.60	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.58	1.3
	2	3.60	3.55	3.65	0.59	
Heptachlor	1	4.91	4.86	4.96	0.57	0.9
	2	3.94	3.89	3.99	0.58	
Aldrin	1	5.26	5.21	5.31	0.54	1.9
	2	4.22	4.17	4.27	0.55	
beta-BHC	1	4.53	4.48	4.58	0.57	4.9
	2	3.90	3.85	3.95	0.60	
delta-BHC	1	4.77	4.72	4.82	0.59	0.5
	2	4.13	4.08	4.18	0.60	
Heptachlor epoxide	1	5.68	5.63	5.73	0.58	1.6
	2	4.72	4.67	4.77	0.59	
Endosulfan I	1	6.07	6.02	6.12	0.58	4.5
	2	5.09	5.04	5.14	0.61	
gamma-Chlordane	1	5.94	5.89	5.99	0.59	3.5
	2	4.97	4.92	5.02	0.61	
alpha-Chlordane	1	6.02	5.97	6.07	0.59	2.7
	2	5.04	4.99	5.09	0.60	
4,4'-DDE	1	6.19	6.14	6.24	0.61	0.5
	2	5.23	5.18	5.28	0.61	
Dieldrin	1	6.34	6.29	6.39	0.59	4.2
	2	5.36	5.31	5.41	0.61	
Endrin	1	6.57	6.52	6.62	0.55	25.7
	2	5.63	5.58	5.68	0.71	

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: Q1421-06MSD

Date(s) Analyzed: 02/27/2025 02/27/2025

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	6.79	6.74	6.84	0.57	12.1
	2	5.93	5.88	5.98	0.64	
4,4'-DDD	1	6.71	6.66	6.76	0.68	1.1
	2	5.78	5.73	5.83	0.67	
4,4'-DDT	1	7.02	6.97	7.07	0.62	2.9
	2	6.03	5.98	6.08	0.64	
Endrin aldehyde	1	6.92	6.87	6.97	0.55	4.2
	2	6.11	6.06	6.16	0.57	
Endosulfan sulfate	1	7.16	7.11	7.21	0.57	6.3
	2	6.33	6.28	6.38	0.61	
Methoxychlor	1	7.50	7.45	7.55	0.59	1.9
	2	6.61	6.56	6.66	0.60	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166896BS

Contract: ROYF02

Lab Code: CHEM

Case No.: Q1421

SAS No.: Q1421

SDG NO.: Q1421

Lab Sample ID: PB166896BS

Date(s) Analyzed: 02/27/2025

02/27/2025

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	6.71	6.66	6.76	0.56	0.6
	2	5.78	5.73	5.83	0.56	
4,4'-DDT	1	7.02	6.97	7.07	0.51	2
	2	6.03	5.98	6.08	0.52	
alpha-BHC	1	3.99	3.94	4.04	0.47	2.2
	2	3.27	3.22	3.32	0.48	
Aldrin	1	5.26	5.21	5.31	0.47	1.4
	2	4.22	4.17	4.27	0.48	
beta-BHC	1	4.52	4.47	4.57	0.48	3.1
	2	3.90	3.85	3.95	0.50	
alpha-Chlordane	1	6.02	5.97	6.07	0.49	1.8
	2	5.04	4.99	5.09	0.50	
4,4'-DDE	1	6.19	6.14	6.24	0.52	0.3
	2	5.23	5.18	5.28	0.52	
Endosulfan II	1	6.79	6.74	6.84	0.47	11.8
	2	5.93	5.88	5.98	0.53	
Endrin aldehyde	1	6.92	6.87	6.97	0.48	2.4
	2	6.11	6.06	6.16	0.49	
Endosulfan sulfate	1	7.16	7.11	7.21	0.48	5.7
	2	6.33	6.28	6.38	0.51	
Methoxychlor	1	7.50	7.45	7.55	0.50	2.7
	2	6.61	6.56	6.66	0.51	
Endrin ketone	1	7.64	7.59	7.69	0.49	9.4
	2	6.84	6.79	6.89	0.53	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.46	3.2
	2	3.60	3.55	3.65	0.48	
Heptachlor	1	4.91	4.86	4.96	0.50	0.2
	2	3.94	3.89	3.99	0.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166896BS

Contract: ROYF02

Lab Code: CHEM

Case No.: Q1421

SAS No.: Q1421

SDG NO.: Q1421

Lab Sample ID: PB166896BS

Date(s) Analyzed: 02/27/2025

02/27/2025

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		
delta-BHC	1	4.77	4.72	4.82	0.48	1.2
	2	4.13	4.08	4.18	0.47	
Heptachlor epoxide	1	5.68	5.63	5.73	0.49	2
	2	4.72	4.67	4.77	0.50	
Endosulfan I	1	6.07	6.02	6.12	0.49	3.9
	2	5.09	5.04	5.14	0.51	
gamma-Chlordane	1	5.94	5.89	5.99	0.49	3.4
	2	4.97	4.92	5.02	0.51	
Dieldrin	1	6.34	6.29	6.39	0.49	3
	2	5.36	5.31	5.41	0.51	
Endrin	1	6.57	6.52	6.62	0.45	24.1
	2	5.63	5.58	5.68	0.57	