

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-BBDGA-001-01MS

Contract: ROYF02

Lab Code: CHEM Case No.: Q1664

SAS No.: Q1664 SDG NO.: Q1664

Lab Sample ID: Q1664-05MS

Date(s) Analyzed: 03/31/2025 03/31/2025

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	0.54	1.4
	2	5.93	5.88	5.98	0.54	
4,4'-DDD	1	6.71	6.66	6.76	0.60	2.1
	2	5.78	5.73	5.83	0.58	
4,4'-DDT	1	7.02	6.97	7.07	0.56	0.2
	2	6.03	5.98	6.08	0.56	
Endrin aldehyde	1	6.92	6.87	6.97	0.50	2.8
	2	6.11	6.06	6.16	0.51	
Endosulfan sulfate	1	7.16	7.11	7.21	0.53	5
	2	6.33	6.28	6.38	0.55	
alpha-BHC	1	3.99	3.94	4.04	0.50	10.3
	2	3.27	3.22	3.32	0.55	
Aldrin	1	5.26	5.21	5.31	0.44	7.6
	2	4.22	4.17	4.27	0.47	
beta-BHC	1	4.53	4.48	4.58	0.49	13
	2	3.90	3.85	3.95	0.55	
delta-BHC	1	4.77	4.72	4.82	0.52	4.5
	2	4.13	4.08	4.18	0.55	
Endosulfan I	1	6.07	6.02	6.12	0.52	3.2
	2	5.09	5.04	5.14	0.53	
alpha-Chlordane	1	6.02	5.97	6.07	0.50	2.7
	2	5.03	4.98	5.08	0.52	
4,4'-DDE	1	6.19	6.14	6.24	0.55	2.4
	2	5.22	5.17	5.27	0.53	
Dieldrin	1	6.34	6.29	6.39	0.53	1.1
	2	5.36	5.31	5.41	0.54	
Endrin	1	6.57	6.52	6.62	0.52	5.8
	2	5.63	5.58	5.68	0.56	

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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		
Methoxychlor	1	7.50	7.45	7.55	0.57	1.4
	2	6.60	6.55	6.65	0.58	
Endrin ketone	1	7.64	7.59	7.69	0.55	1.6
	2	6.83	6.78	6.88	0.56	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.50	9.3
	2	3.60	3.55	3.65	0.55	
Heptachlor	1	4.91	4.86	4.96	0.44	7.5
	2	3.94	3.89	3.99	0.48	
Heptachlor epoxide	1	5.68	5.63	5.73	0.47	11.1
	2	4.72	4.67	4.77	0.53	
gamma-Chlordane	1	5.94	5.89	5.99	0.49	4.6
	2	4.97	4.92	5.02	0.52	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-BBDGA-001-01MSD

Contract: ROYF02

Lab Code: CHEM Case No.: Q1664

SAS No.: Q1664 SDG NO.: Q1664

Lab Sample ID: Q1664-06MSD

Date(s) Analyzed: 03/31/2025 03/31/2025

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	0.51	0.3
	2	5.94	5.89	5.99	0.51	
4,4'-DDD	1	6.71	6.66	6.76	0.57	3
	2	5.80	5.75	5.85	0.55	
4,4'-DDT	1	7.02	6.97	7.07	0.53	1.5
	2	6.05	6.00	6.10	0.52	
Endrin aldehyde	1	6.92	6.87	6.97	0.47	3.1
	2	6.12	6.07	6.17	0.49	
Endosulfan sulfate	1	7.16	7.11	7.21	0.51	2.9
	2	6.35	6.30	6.40	0.52	
Methoxychlor	1	7.50	7.45	7.55	0.54	0
	2	6.62	6.57	6.67	0.54	
Endrin ketone	1	7.64	7.59	7.69	0.52	0.8
	2	6.85	6.80	6.90	0.52	
alpha-BHC	1	3.99	3.94	4.04	0.48	9.1
	2	3.29	3.24	3.34	0.52	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.48	8.3
	2	3.62	3.57	3.67	0.53	
Heptachlor	1	4.91	4.86	4.96	0.42	6.1
	2	3.96	3.91	4.01	0.45	
Aldrin	1	5.26	5.21	5.31	0.41	5.3
	2	4.24	4.19	4.29	0.44	
beta-BHC	1	4.53	4.48	4.58	0.47	12.5
	2	3.92	3.87	3.97	0.53	
delta-BHC	1	4.77	4.72	4.82	0.50	3.8
	2	4.15	4.10	4.20	0.52	
Heptachlor epoxide	1	5.68	5.63	5.73	0.46	7.4
	2	4.74	4.69	4.79	0.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-BBDGA-001-01MSD

Contract: ROYF02

Lab Code: CHEM Case No.: Q1664

SAS No.: Q1664 SDG NO.: Q1664

Lab Sample ID: Q1664-06MSD

Date(s) Analyzed: 03/31/2025 03/31/2025

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	6.07	6.02	6.12	0.49	2.5
	2	5.11	5.06	5.16	0.51	
gamma-Chlordane	1	5.94	5.89	5.99	0.47	3.4
	2	4.99	4.94	5.04	0.49	
alpha-Chlordane	1	6.02	5.97	6.07	0.48	2
	2	5.05	5.00	5.10	0.49	
4,4'-DDE	1	6.19	6.14	6.24	0.52	3.1
	2	5.24	5.19	5.29	0.50	
Dieldrin	1	6.34	6.29	6.39	0.51	0.2
	2	5.37	5.32	5.42	0.51	
Endrin	1	6.57	6.52	6.62	0.49	7.1
	2	5.65	5.60	5.70	0.52	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-BBDGA-004-01

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1664 **SAS No.:** Q1664 **SDG NO.:** Q1664

Lab Sample ID: Q1664-14 **Date(s) Analyzed:** 03/31/2025 03/31/2025

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-BHC	1	3.99	3.94	4.04	0.012	9
	2	3.27	3.22	3.32	0.013	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167395BS

Contract: ROYF02

Lab Code: CHEM

Case No.: Q1664

SAS No.: Q1664

SDG NO.: Q1664

Lab Sample ID: PB167395BS

Date(s) Analyzed: 04/03/2025

04/03/2025

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	0.55	4.9
	2	5.78	5.73	5.83	0.52	
4,4'-DDE	1	6.20	6.15	6.25	0.51	6
	2	5.22	5.17	5.27	0.48	
4,4'-DDT	1	7.03	6.98	7.08	0.51	0.3
	2	6.03	5.98	6.08	0.51	
alpha-BHC	1	4.00	3.95	4.05	0.43	12
	2	3.27	3.22	3.32	0.49	
Aldrin	1	5.26	5.21	5.31	0.44	2.1
	2	4.22	4.17	4.27	0.45	
alpha-Chlordane	1	6.02	5.97	6.07	0.46	0.7
	2	5.03	4.98	5.08	0.46	
Endosulfan II	1	6.80	6.75	6.85	0.48	0.2
	2	5.92	5.87	5.97	0.48	
Endosulfan sulfate	1	7.16	7.11	7.21	0.47	3.8
	2	6.33	6.28	6.38	0.49	
beta-BHC	1	4.53	4.48	4.58	0.43	9.6
	2	3.90	3.85	3.95	0.47	
delta-BHC	1	4.78	4.73	4.83	0.46	0.4
	2	4.13	4.08	4.18	0.46	
Endosulfan I	1	6.07	6.02	6.12	0.47	4.3
	2	5.09	5.04	5.14	0.45	
Dieldrin	1	6.35	6.30	6.40	0.48	2
	2	5.35	5.30	5.40	0.47	
Endrin aldehyde	1	6.93	6.88	6.98	0.47	1.6
	2	6.10	6.05	6.15	0.48	
Methoxychlor	1	7.50	7.45	7.55	0.53	1.2
	2	6.60	6.55	6.65	0.53	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167395BS

Contract: ROYF02

Lab Code: CHEM

Case No.: Q1664

SAS No.: Q1664

SDG NO.: Q1664

Lab Sample ID: PB167395BS

Date(s) Analyzed: 04/03/2025

04/03/2025

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	0.49	5.6
	2	6.83	6.78	6.88	0.52	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.43	9.1
	2	3.60	3.55	3.65	0.47	
Heptachlor	1	4.92	4.87	4.97	0.44	2.7
	2	3.94	3.89	3.99	0.45	
Heptachlor epoxide	1	5.69	5.64	5.74	0.45	1.7
	2	4.72	4.67	4.77	0.46	
gamma-Chlordane	1	5.94	5.89	5.99	0.46	0.6
	2	4.97	4.92	5.02	0.46	
Endrin	1	6.58	6.53	6.63	0.46	4.7
	2	5.63	5.58	5.68	0.48	