

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: Q1664-02MS

Date(s) Analyzed: 03/28/2025 03/28/2025

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	15.6	0
	2	5.92	5.87	5.97	15.6	
Endrin aldehyde	1	6.92	6.87	6.97	15.4	1.3
	2	6.10	6.05	6.15	15.6	
Endosulfan sulfate	1	7.15	7.10	7.20	15.6	3.8
	2	6.33	6.28	6.38	16.2	
Methoxychlor	1	7.50	7.45	7.55	17.2	0
	2	6.60	6.55	6.65	17.2	
Endrin ketone	1	7.64	7.59	7.69	16.1	0.6
	2	6.83	6.78	6.88	16.0	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	14.7	8.5
	2	3.60	3.55	3.65	16.0	
Heptachlor	1	4.91	4.86	4.96	14.4	8.6
	2	3.94	3.89	3.99	15.7	
delta-BHC	1	4.77	4.72	4.82	15.1	5.2
	2	4.13	4.08	4.18	15.9	
Heptachlor epoxide	1	5.68	5.63	5.73	14.2	10
	2	4.72	4.67	4.77	15.7	
Endosulfan I	1	6.06	6.01	6.11	15.2	3.9
	2	5.09	5.04	5.14	15.8	
gamma-Chlordane	1	5.94	5.89	5.99	14.7	7.2
	2	4.97	4.92	5.02	15.8	
Dieldrin	1	6.34	6.29	6.39	15.3	4.5
	2	5.35	5.30	5.40	16.0	
Endrin	1	6.57	6.52	6.62	15.2	7.6
	2	5.63	5.58	5.68	16.4	
4,4'-DDD	1	6.71	6.66	6.76	17.4	2.9
	2	5.78	5.73	5.83	16.9	

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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	16.4	1.2
	2	6.03	5.98	6.08	16.6	
alpha-BHC	1	3.99	3.94	4.04	14.6	13.4
	2	3.27	3.22	3.32	16.7	
Aldrin	1	5.25	5.20	5.30	14.4	8.6
	2	4.22	4.17	4.27	15.7	
beta-BHC	1	4.52	4.47	4.57	14.6	10.4
	2	3.90	3.85	3.95	16.2	
alpha-Chlordane	1	6.01	5.96	6.06	15.0	4.6
	2	5.03	4.98	5.08	15.7	
4,4'-DDE	1	6.19	6.14	6.24	16.5	0.6
	2	5.22	5.17	5.27	16.6	

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: Q1664-03MSD

Date(s) Analyzed: 03/28/2025 03/28/2025

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	15.5	0.6
	2	5.92	5.87	5.97	15.4	
4,4'-DDD	1	6.71	6.66	6.76	17.3	3.5
	2	5.78	5.73	5.83	16.7	
4,4'-DDT	1	7.02	6.97	7.07	16.3	1.2
	2	6.03	5.98	6.08	16.5	
Endrin aldehyde	1	6.92	6.87	6.97	15.5	0.6
	2	6.10	6.05	6.15	15.6	
Endosulfan sulfate	1	7.15	7.10	7.20	15.7	1.9
	2	6.33	6.28	6.38	16.0	
alpha-BHC	1	3.99	3.94	4.04	14.5	13.5
	2	3.27	3.22	3.32	16.6	
Aldrin	1	5.25	5.20	5.30	14.2	9.4
	2	4.22	4.17	4.27	15.6	
beta-BHC	1	4.52	4.47	4.57	14.5	10.5
	2	3.90	3.85	3.95	16.1	
delta-BHC	1	4.77	4.72	4.82	15.1	4.5
	2	4.13	4.08	4.18	15.8	
Endosulfan I	1	6.06	6.01	6.11	15.1	5.8
	2	5.09	5.04	5.14	16.0	
alpha-Chlordane	1	6.01	5.96	6.06	14.9	5.9
	2	5.03	4.98	5.08	15.8	
4,4'-DDE	1	6.19	6.14	6.24	16.4	0.6
	2	5.22	5.17	5.27	16.3	
Dieldrin	1	6.34	6.29	6.39	15.3	2.6
	2	5.35	5.30	5.40	15.7	
Endrin	1	6.57	6.52	6.62	15.2	7
	2	5.63	5.58	5.68	16.3	

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: Q1664-03MSD

Date(s) Analyzed: 03/28/2025 03/28/2025

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	16.9	0.6
	2	6.60	6.55	6.65	17.0	
Endrin ketone	1	7.64	7.59	7.69	15.9	1.3
	2	6.83	6.78	6.88	15.7	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	14.6	9.2
	2	3.60	3.55	3.65	16.0	
Heptachlor	1	4.91	4.86	4.96	14.3	8.7
	2	3.94	3.89	3.99	15.6	
Heptachlor epoxide	1	5.68	5.63	5.73	14.3	8.7
	2	4.72	4.67	4.77	15.6	
gamma-Chlordane	1	5.94	5.89	5.99	14.6	7.3
	2	4.97	4.92	5.02	15.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167367BS

Contract: ROYF02

Lab Code: CHEM

Case No.: Q1664

SAS No.: Q1664

SDG NO.: Q1664

Lab Sample ID: PB167367BS

Date(s) Analyzed: 03/28/2025

03/28/2025

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	19.7	2
	2	5.78	5.73	5.83	20.1	
4,4'-DDE	1	6.19	6.14	6.24	19.0	0.5
	2	5.22	5.17	5.27	19.1	
4,4'-DDT	1	7.02	6.97	7.07	18.9	3.6
	2	6.03	5.98	6.08	19.6	
alpha-BHC	1	3.99	3.94	4.04	16.5	16.2
	2	3.27	3.22	3.32	19.4	
Aldrin	1	5.25	5.20	5.30	16.3	11.6
	2	4.22	4.17	4.27	18.3	
alpha-Chlordane	1	6.01	5.96	6.06	17.1	6.2
	2	5.03	4.98	5.08	18.2	
Endosulfan II	1	6.79	6.74	6.84	18.0	2.2
	2	5.92	5.87	5.97	18.4	
Endosulfan sulfate	1	7.15	7.10	7.20	17.4	7.2
	2	6.33	6.28	6.38	18.7	
beta-BHC	1	4.52	4.47	4.57	16.5	12
	2	3.90	3.85	3.95	18.6	
delta-BHC	1	4.77	4.72	4.82	15.0	5.2
	2	4.13	4.08	4.18	15.8	
Endosulfan I	1	6.07	6.02	6.12	17.2	4
	2	5.09	5.04	5.14	17.9	
Dieldrin	1	6.34	6.29	6.39	17.5	4.5
	2	5.35	5.30	5.40	18.3	
Endrin aldehyde	1	6.92	6.87	6.97	17.6	5
	2	6.10	6.05	6.15	18.5	
Methoxychlor	1	7.50	7.45	7.55	19.3	2.6
	2	6.60	6.55	6.65	19.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167367BS

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1664

SAS No.: Q1664 **SDG NO.:** Q1664

Lab Sample ID: PB167367BS

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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	18.0	5.4
	2	6.83	6.78	6.88	19.0	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	16.6	10.8
	2	3.60	3.55	3.65	18.5	
Heptachlor	1	4.91	4.86	4.96	16.3	10.5
	2	3.94	3.89	3.99	18.1	
Heptachlor epoxide	1	5.68	5.63	5.73	17.2	6.2
	2	4.72	4.67	4.77	18.3	
gamma-Chlordane	1	5.94	5.89	5.99	16.8	8.5
	2	4.97	4.92	5.02	18.3	
Endrin	1	6.57	6.52	6.62	17.2	9.4
	2	5.63	5.58	5.68	18.9	