

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

357MS

Contract: RUTW01

Lab Code: CHEM Case No.: Q1232

SAS No.: Q1232 SDG NO.: Q1232

Lab Sample ID: Q1239-10MS

Date(s) Analyzed: 01/31/2025 01/31/2025

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	18.7	4.2
	2	5.93	5.88	5.98	19.5	
4,4'-DDD	1	6.71	6.66	6.76	22.0	2.8
	2	5.79	5.74	5.84	21.4	
4,4'-DDT	1	7.02	6.97	7.07	18.9	0.5
	2	6.04	5.99	6.09	18.8	
Endrin aldehyde	1	6.92	6.87	6.97	13.7	3.7
	2	6.11	6.06	6.16	13.2	
Endosulfan sulfate	1	7.16	7.11	7.21	18.2	1.1
	2	6.33	6.28	6.38	18.4	
Methoxychlor	1	7.50	7.45	7.55	17.4	0.6
	2	6.61	6.56	6.66	17.5	
Endrin ketone	1	7.65	7.60	7.70	17.5	0
	2	6.84	6.79	6.89	17.5	
alpha-BHC	1	3.99	3.94	4.04	19.6	2.1
	2	3.28	3.23	3.33	19.2	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	19.2	1.6
	2	3.61	3.56	3.66	18.9	
Heptachlor	1	4.92	4.87	4.97	19.1	3.7
	2	3.95	3.90	4.00	18.4	
Aldrin	1	5.26	5.21	5.31	19.3	0
	2	4.22	4.17	4.27	19.3	
beta-BHC	1	4.53	4.48	4.58	19.8	0.5
	2	3.91	3.86	3.96	19.9	
delta-BHC	1	4.77	4.72	4.82	19.1	1.1
	2	4.14	4.09	4.19	18.9	
Heptachlor epoxide	1	5.68	5.63	5.73	18.6	7.3
	2	4.73	4.68	4.78	20.0	

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SAS No.: Q1232 **SDG NO.:** Q1232

Lab Sample ID: Q1239-10MS

Date(s) Analyzed: 01/31/2025 01/31/2025

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	19.0	0.5
	2	5.10	5.05	5.15	18.9	
gamma-Chlordane	1	5.94	5.89	5.99	20.2	3.9
	2	4.98	4.93	5.03	21.0	
alpha-Chlordane	1	6.02	5.97	6.07	19.8	3
	2	5.04	4.99	5.09	20.4	
4,4'-DDE	1	6.19	6.14	6.24	19.9	7.3
	2	5.23	5.18	5.28	21.4	
Dieldrin	1	6.35	6.30	6.40	19.2	6.5
	2	5.36	5.31	5.41	20.5	
Endrin	1	6.57	6.52	6.62	18.6	8.2
	2	5.64	5.59	5.69	20.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

357MSD

Contract: RUTW01

Lab Code: CHEM Case No.: Q1232

SAS No.: Q1232 SDG NO.: Q1232

Lab Sample ID: Q1239-10MSD

Date(s) Analyzed: 01/31/2025 01/31/2025

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	19.2	4.6
	2	5.93	5.88	5.98	20.1	
4,4'-DDD	1	6.71	6.66	6.76	22.2	2.7
	2	5.78	5.73	5.83	21.6	
alpha-Chlordane	1	6.02	5.97	6.07	20.0	3
	2	5.04	4.99	5.09	20.6	
4,4'-DDE	1	6.19	6.14	6.24	20.0	6.8
	2	5.23	5.18	5.28	21.4	
Dieldrin	1	6.34	6.29	6.39	19.2	7
	2	5.36	5.31	5.41	20.6	
Endrin	1	6.57	6.52	6.62	19.0	9.5
	2	5.64	5.59	5.69	20.9	
4,4'-DDT	1	7.02	6.97	7.07	20.5	0.5
	2	6.03	5.98	6.08	20.4	
Endrin aldehyde	1	6.92	6.87	6.97	18.7	0
	2	6.11	6.06	6.16	18.7	
Endosulfan sulfate	1	7.16	7.11	7.21	18.9	4.1
	2	6.33	6.28	6.38	19.7	
Methoxychlor	1	7.50	7.45	7.55	19.8	1
	2	6.61	6.56	6.66	19.6	
Endrin ketone	1	7.64	7.59	7.69	18.8	0
	2	6.84	6.79	6.89	18.8	
alpha-BHC	1	3.99	3.94	4.04	19.8	2
	2	3.28	3.23	3.33	19.4	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	19.4	1
	2	3.61	3.56	3.66	19.2	
Heptachlor	1	4.91	4.86	4.96	20.3	3.5
	2	3.94	3.89	3.99	19.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

357MSD

Contract: RUTW01

Lab Code: CHEM Case No.: Q1232

SAS No.: Q1232 SDG NO.: Q1232

Lab Sample ID: Q1239-10MSD

Date(s) Analyzed: 01/31/2025 01/31/2025

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		
Aldrin	1	5.26	5.21	5.31	19.5	1
	2	4.22	4.17	4.27	19.3	
beta-BHC	1	4.53	4.48	4.58	20.1	0.5
	2	3.91	3.86	3.96	20.0	
delta-BHC	1	4.77	4.72	4.82	20.0	3
	2	4.13	4.08	4.18	19.4	
Heptachlor epoxide	1	5.68	5.63	5.73	18.9	5.7
	2	4.73	4.68	4.78	20.0	
Endosulfan I	1	6.07	6.02	6.12	19.5	1
	2	5.10	5.05	5.15	19.3	
gamma-Chlordane	1	5.94	5.89	5.99	20.1	3.9
	2	4.98	4.93	5.03	20.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-42.1-012925

Contract: RUTW01

Lab Code: CHEM **Case No.:** Q1232

SAS No.: Q1232 **SDG NO.:** Q1232

Lab Sample ID: Q1232-11

Date(s) Analyzed: 01/31/2025 01/31/2025

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		
4,4'-DDT	1	7.02	6.97	7.07	0.35	103.3
	2	6.03	5.98	6.08	1.10	
alpha-Chlordane	1	6.02	5.97	6.07	1.10	70.9
	2	5.04	4.99	5.09	0.52	
Endrin	1	6.57	6.52	6.62	0.22	11.4
	2	5.64	5.59	5.69	0.25	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-42.2-012925

Contract: RUTW01

Lab Code: CHEM **Case No.:** Q1232

SAS No.: Q1232 **SDG NO.:** Q1232

Lab Sample ID: Q1232-15

Date(s) Analyzed: 01/31/2025 01/31/2025

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		
4,4'-DDT	1	7.02	6.97	7.07	0.56	64.4
	2	6.03	5.98	6.08	1.10	
Heptachlor	1	4.91	4.86	4.96	0.73	55.4
	2	3.94	3.89	3.99	0.41	
gamma-Chlordane	1	5.94	5.89	5.99	1.20	110.4
	2	4.98	4.93	5.03	0.35	
alpha-Chlordane	1	6.02	5.97	6.07	2.30	86
	2	5.04	4.99	5.09	0.92	
Endrin	1	6.57	6.52	6.62	0.19	3.7
	2	5.64	5.59	5.69	0.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-46.1-012925

Contract: RUTW01

Lab Code: CHEM **Case No.:** Q1232

SAS No.: Q1232 **SDG NO.:** Q1232

Lab Sample ID: Q1232-07

Date(s) Analyzed: 01/31/2025 01/31/2025

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		
4,4'-DDT	1	7.02	6.97	7.07	0.29	138.5
	2	6.03	5.98	6.08	1.60	
alpha-Chlordane	1	6.02	5.97	6.07	1.20	58.2
	2	5.04	4.99	5.09	0.66	
4,4'-DDE	1	6.18	6.13	6.23	0.43	12.2
	2	5.23	5.18	5.28	0.38	
Endrin	1	6.57	6.52	6.62	0.60	69.8
	2	5.64	5.59	5.69	0.29	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-46.2-012925

Contract: RUTW01

Lab Code: CHEM Case No.: Q1232

SAS No.: Q1232 SDG NO.: Q1232

Lab Sample ID: Q1232-03

Date(s) Analyzed: 01/31/2025 01/31/2025

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	0.90	105.6
	2	5.94	5.89	5.99	2.90	
4,4'-DDD	1	6.71	6.66	6.76	2.80	80
	2	5.77	5.72	5.82	1.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-51.1-012925

Contract: RUTW01

Lab Code: CHEM **Case No.:** Q1232

SAS No.: Q1232 **SDG NO.:** Q1232

Lab Sample ID: Q1232-19

Date(s) Analyzed: 01/31/2025 01/31/2025

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		
4,4'-DDT	1	7.02	6.97	7.07	1.00	66.7
	2	6.03	5.98	6.08	2.00	
Heptachlor	1	4.91	4.86	4.96	0.44	34.8
	2	3.94	3.89	3.99	0.31	
Heptachlor epoxide	1	5.68	5.63	5.73	0.37	71.6
	2	4.73	4.68	4.78	0.78	
alpha-Chlordane	1	6.02	5.97	6.07	2.90	69.8
	2	5.04	4.99	5.09	1.40	
Endrin	1	6.57	6.52	6.62	0.33	39.3
	2	5.64	5.59	5.69	0.49	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166413BS

Contract: RUTW01

Lab Code: CHEM

Case No.: Q1232

SAS No.: Q1232

SDG NO.: Q1232

Lab Sample ID: PB166413BS

Date(s) Analyzed: 01/31/2025

01/31/2025

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		
4,4'-DDD	1	6.71	6.66	6.76	17.0	0.6
	2	5.79	5.74	5.84	17.1	
4,4'-DDT	1	7.03	6.98	7.08	17.5	0
	2	6.04	5.99	6.09	17.5	
Aldrin	1	5.26	5.21	5.31	15.0	3.4
	2	4.23	4.18	4.28	14.5	
4,4'-DDE	1	6.19	6.14	6.24	16.5	0.6
	2	5.23	5.18	5.28	16.4	
Endosulfan II	1	6.80	6.75	6.85	15.5	4.4
	2	5.93	5.88	5.98	16.2	
Endrin aldehyde	1	6.93	6.88	6.98	15.0	2
	2	6.11	6.06	6.16	15.3	
Endosulfan sulfate	1	7.16	7.11	7.21	15.1	7
	2	6.33	6.28	6.38	16.2	
Methoxychlor	1	7.50	7.45	7.55	16.6	3.6
	2	6.61	6.56	6.66	17.2	
Endrin ketone	1	7.65	7.60	7.70	15.2	3.2
	2	6.84	6.79	6.89	15.7	
alpha-BHC	1	4.00	3.95	4.05	14.9	2
	2	3.28	3.23	3.33	14.6	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.8	3.4
	2	3.61	3.56	3.66	14.3	
Heptachlor	1	4.92	4.87	4.97	16.0	4.5
	2	3.95	3.90	4.00	15.3	
beta-BHC	1	4.53	4.48	4.58	15.0	0.7
	2	3.91	3.86	3.96	15.1	
delta-BHC	1	4.78	4.73	4.83	15.1	4.1
	2	4.14	4.09	4.19	14.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166413BS

Contract: RUTW01

Lab Code: CHEM Case No.: Q1232

SAS No.: Q1232 SDG NO.: Q1232

Lab Sample ID: PB166413BS

Date(s) Analyzed: 01/31/2025 01/31/2025

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		
Heptachlor epoxide	1	5.69	5.64	5.74	14.8	3.3
	2	4.73	4.68	4.78	15.3	
Endosulfan I	1	6.07	6.02	6.12	15.4	2
	2	5.10	5.05	5.15	15.1	
gamma-Chlordane	1	5.94	5.89	5.99	15.4	1.9
	2	4.98	4.93	5.03	15.7	
alpha-Chlordane	1	6.02	5.97	6.07	15.6	0.6
	2	5.04	4.99	5.09	15.7	
Dieldrin	1	6.35	6.30	6.40	15.4	0.6
	2	5.36	5.31	5.41	15.5	
Endrin	1	6.58	6.53	6.63	15.7	6.8
	2	5.64	5.59	5.69	16.8	