

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-16.3-012725

Contract: RUTW01

Lab Code: CHEM

Case No.: Q1206

SAS No.: Q1206

SDG NO.: Q1206

Lab Sample ID: Q1206-07

Date(s) Analyzed: 02/04/2025 02/04/2025

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	0.65	97.6
	2	6.03	5.98	6.08	1.90	
Heptachlor epoxide	1	5.68	5.63	5.73	0.70	36.5
	2	4.73	4.68	4.78	0.48	
gamma-Chlordane	1	5.94	5.89	5.99	1.40	67
	2	4.97	4.92	5.02	0.70	
alpha-Chlordane	1	6.02	5.97	6.07	2.40	82.4
	2	5.04	4.99	5.09	1.00	
4,4'-DDE	1	6.19	6.14	6.24	2.90	6.7
	2	5.23	5.18	5.28	3.10	
Endrin	1	6.57	6.52	6.62	0.84	56.6
	2	5.64	5.59	5.69	0.47	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

JPP-20.1-012725

Contract: RUTW01

Lab Code: CHEM **Case No.:** Q1206 **SAS No.:** Q1206 **SDG NO.:** Q1206

Lab Sample ID: Q1206-03 **Date(s) Analyzed:** 01/30/2025 01/30/2025

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	0.88	54.2
	2	5.78	5.73	5.83	0.50	
4,4'-DDT	1	7.02	6.97	7.07	7.90	15
	2	6.03	5.98	6.08	6.80	
Aldrin	1	5.25	5.20	5.30	0.54	28.1
	2	4.22	4.17	4.27	0.40	
4,4'-DDE	1	6.19	6.14	6.24	3.00	9.5
	2	5.23	5.18	5.28	3.30	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166334BS

Contract: RUTW01

Lab Code: CHEM Case No.: Q1206

SAS No.: Q1206 SDG NO.: Q1206

Lab Sample ID: PB166334BS

Date(s) Analyzed: 01/30/2025 01/30/2025

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	14.3	2.8
	2	4.13	4.08	4.18	13.9	
Endosulfan I	1	6.07	6.02	6.12	14.8	2
	2	5.10	5.05	5.15	15.1	
Dieldrin	1	6.34	6.29	6.39	14.9	0.7
	2	5.36	5.31	5.41	15.0	
Endrin aldehyde	1	6.92	6.87	6.97	15.1	1.3
	2	6.11	6.06	6.16	14.9	
Methoxychlor	1	7.50	7.45	7.55	16.2	4.4
	2	6.61	6.56	6.66	15.5	
Endrin ketone	1	7.64	7.59	7.69	15.6	1.3
	2	6.84	6.79	6.89	15.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.1	1.4
	2	3.61	3.56	3.66	13.9	
Heptachlor	1	4.91	4.86	4.96	15.2	2.7
	2	3.94	3.89	3.99	14.8	
Heptachlor epoxide	1	5.68	5.63	5.73	14.3	2.8
	2	4.73	4.68	4.78	14.7	
gamma-Chlordane	1	5.94	5.89	5.99	15.1	0.7
	2	4.97	4.92	5.02	15.2	
Endrin	1	6.57	6.52	6.62	14.6	3.4
	2	5.63	5.58	5.68	15.1	
4,4'-DDD	1	6.71	6.66	6.76	16.5	2.5
	2	5.78	5.73	5.83	16.1	
4,4'-DDE	1	6.19	6.14	6.24	15.7	1.9
	2	5.23	5.18	5.28	15.4	
4,4'-DDT	1	7.02	6.97	7.07	16.3	3.1
	2	6.03	5.98	6.08	15.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB166334BS

Contract: RUTW01

Lab Code: CHEM **Case No.:** Q1206

SAS No.: Q1206 **SDG NO.:** Q1206

Lab Sample ID: PB166334BS

Date(s) Analyzed: 01/30/2025 01/30/2025

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	14.2	0
	2	3.28	3.23	3.33	14.2	
Aldrin	1	5.26	5.21	5.31	14.3	1.4
	2	4.22	4.17	4.27	14.1	
alpha-Chlordane	1	6.02	5.97	6.07	15.1	0
	2	5.04	4.99	5.09	15.1	
Endosulfan II	1	6.79	6.74	6.84	15.2	2.6
	2	5.93	5.88	5.98	15.6	
Endosulfan sulfate	1	7.16	7.11	7.21	15.3	1.9
	2	6.33	6.28	6.38	15.6	
beta-BHC	1	4.52	4.47	4.57	14.6	0.7
	2	3.91	3.86	3.96	14.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-5MS

Contract: RUTW01

Lab Code: CHEM Case No.: Q1206

SAS No.: Q1206 SDG NO.: Q1206

Lab Sample ID: Q1209-05MS

Date(s) Analyzed: 01/30/2025 01/30/2025

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	18.1	3.3
	2	5.93	5.88	5.98	18.7	
4,4'-DDD	1	6.71	6.66	6.76	19.8	3.6
	2	5.78	5.73	5.83	19.1	
4,4'-DDT	1	7.02	6.97	7.07	19.7	0.5
	2	6.03	5.98	6.08	19.8	
Endrin aldehyde	1	6.92	6.87	6.97	17.7	0
	2	6.11	6.06	6.16	17.7	
Endosulfan sulfate	1	7.16	7.11	7.21	18.3	2.2
	2	6.33	6.28	6.38	18.7	
Methoxychlor	1	7.50	7.45	7.55	20.1	4.1
	2	6.61	6.56	6.66	19.3	
Endrin ketone	1	7.64	7.59	7.69	18.8	1.1
	2	6.84	6.79	6.89	18.6	
alpha-BHC	1	3.99	3.94	4.04	17.0	0.6
	2	3.28	3.23	3.33	17.1	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.1	1.2
	2	3.61	3.56	3.66	16.9	
Heptachlor	1	4.91	4.86	4.96	18.1	1.1
	2	3.94	3.89	3.99	17.9	
Aldrin	1	5.26	5.21	5.31	17.1	0
	2	4.22	4.17	4.27	17.1	
beta-BHC	1	4.53	4.48	4.58	17.9	1.1
	2	3.91	3.86	3.96	17.7	
delta-BHC	1	4.77	4.72	4.82	17.3	2.3
	2	4.14	4.09	4.19	16.9	
Heptachlor epoxide	1	5.68	5.63	5.73	17.2	3.4
	2	4.73	4.68	4.78	17.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-5MS

Contract: RUTW01

Lab Code: CHEM Case No.: Q1206

SAS No.: Q1206 SDG NO.: Q1206

Lab Sample ID: Q1209-05MS

Date(s) Analyzed: 01/30/2025 01/30/2025

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	17.8	2.8
	2	5.10	5.05	5.15	18.3	
gamma-Chlordane	1	5.94	5.89	5.99	18.0	2.2
	2	4.98	4.93	5.03	18.4	
alpha-Chlordane	1	6.02	5.97	6.07	18.0	2.2
	2	5.04	4.99	5.09	18.4	
4,4'-DDE	1	6.19	6.14	6.24	18.9	1.1
	2	5.23	5.18	5.28	18.7	
Dieldrin	1	6.34	6.29	6.39	17.8	1.7
	2	5.36	5.31	5.41	18.1	
Endrin	1	6.57	6.52	6.62	18.1	3.8
	2	5.63	5.58	5.68	18.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-5MSD

Contract: RUTW01

Lab Code: CHEM Case No.: Q1206

SAS No.: Q1206 SDG NO.: Q1206

Lab Sample ID: Q1209-05MSD

Date(s) Analyzed: 01/30/2025 01/30/2025

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	18.3	3.2
	2	5.93	5.88	5.98	18.9	
4,4'-DDD	1	6.71	6.66	6.76	20.1	3
	2	5.78	5.73	5.83	19.5	
4,4'-DDT	1	7.02	6.97	7.07	19.9	0
	2	6.03	5.98	6.08	19.9	
Endrin aldehyde	1	6.92	6.87	6.97	17.9	1.1
	2	6.11	6.06	6.16	17.7	
Endosulfan sulfate	1	7.16	7.11	7.21	18.7	1.1
	2	6.33	6.28	6.38	18.9	
Methoxychlor	1	7.50	7.45	7.55	20.2	5.1
	2	6.61	6.56	6.66	19.2	
Endrin ketone	1	7.64	7.59	7.69	19.0	0
	2	6.84	6.79	6.89	19.0	
alpha-BHC	1	3.99	3.94	4.04	17.3	0.6
	2	3.28	3.23	3.33	17.4	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.3	0.6
	2	3.61	3.56	3.66	17.2	
Heptachlor	1	4.91	4.86	4.96	18.1	0
	2	3.94	3.89	3.99	18.1	
Aldrin	1	5.26	5.21	5.31	17.4	1.2
	2	4.22	4.17	4.27	17.2	
beta-BHC	1	4.52	4.47	4.57	18.0	0
	2	3.91	3.86	3.96	18.0	
delta-BHC	1	4.77	4.72	4.82	17.5	2.3
	2	4.13	4.08	4.18	17.1	
Heptachlor epoxide	1	5.68	5.63	5.73	17.4	3.4
	2	4.73	4.68	4.78	18.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-5MSD

Contract: RUTW01

Lab Code: CHEM Case No.: Q1206

SAS No.: Q1206 SDG NO.: Q1206

Lab Sample ID: Q1209-05MSD

Date(s) Analyzed: 01/30/2025 01/30/2025

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	18.0	2.7
	2	5.10	5.05	5.15	18.5	
gamma-Chlordane	1	5.94	5.89	5.99	18.2	1.6
	2	4.98	4.93	5.03	18.5	
alpha-Chlordane	1	6.02	5.97	6.07	18.3	1.6
	2	5.04	4.99	5.09	18.6	
4,4'-DDE	1	6.19	6.14	6.24	19.2	1.6
	2	5.23	5.18	5.28	18.9	
Dieldrin	1	6.34	6.29	6.39	18.0	1.7
	2	5.36	5.31	5.41	18.3	
Endrin	1	6.57	6.52	6.62	18.2	5.3
	2	5.64	5.59	5.69	19.2	