

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MS

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984 SDG NO.: Q1984

Lab Sample ID: Q1984-01MS

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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	20.1	20.3
	2	5.93	5.88	5.98	16.4	
4,4'-DDE	1	6.20	6.15	6.25	19.2	12.2
	2	5.38	5.33	5.43	17.0	
Endosulfan II	1	6.79	6.74	6.84	19.0	11.7
	2	6.08	6.03	6.13	16.9	
4,4'-DDT	1	7.02	6.97	7.07	19.3	11.5
	2	6.19	6.14	6.24	17.2	
Endrin aldehyde	1	6.92	6.87	6.97	19.5	13.7
	2	6.26	6.21	6.31	17.0	
Endosulfan sulfate	1	7.15	7.10	7.20	19.2	15.7
	2	6.48	6.43	6.53	16.4	
Endrin ketone	1	7.63	7.58	7.68	19.6	14.8
	2	6.99	6.94	7.04	16.9	
alpha-BHC	1	4.00	3.95	4.05	19.7	11.8
	2	3.40	3.35	3.45	17.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	20.1	16.7
	2	3.73	3.68	3.78	17.0	
Aldrin	1	5.27	5.22	5.32	20.0	15.1
	2	4.37	4.32	4.42	17.2	
beta-BHC	1	4.52	4.47	4.57	19.4	10.9
	2	4.03	3.98	4.08	17.4	
delta-BHC	1	4.77	4.72	4.82	19.9	13.4
	2	4.26	4.21	4.31	17.4	
Endosulfan I	1	6.08	6.03	6.13	19.8	14.6
	2	5.25	5.20	5.30	17.1	
alpha-Chlordane	1	6.03	5.98	6.08	19.8	14.6
	2	5.19	5.14	5.24	17.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MS

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984 SDG NO.: Q1984

Lab Sample ID: Q1984-01MS

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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		
Dieldrin	1	6.35	6.30	6.40	20.0	15.6
	2	5.52	5.47	5.57	17.1	
Endrin	1	6.58	6.53	6.63	19.6	13
	2	5.79	5.74	5.84	17.2	
Methoxychlor	1	7.50	7.45	7.55	18.6	10.8
	2	6.76	6.71	6.81	16.7	
Heptachlor	1	4.93	4.88	4.98	20.4	14.7
	2	4.09	4.04	4.14	17.6	
Heptachlor epoxide	1	5.69	5.64	5.74	19.8	14.6
	2	4.88	4.83	4.93	17.1	
gamma-Chlordane	1	5.95	5.90	6.00	19.7	13.6
	2	5.13	5.08	5.18	17.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MSD

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984 SDG NO.: Q1984

Lab Sample ID: Q1984-01MSD

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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	13.3
	2	6.08	6.03	6.13	16.8	
4,4'-DDD	1	6.71	6.66	6.76	20.3	19.5
	2	5.93	5.88	5.98	16.7	
4,4'-DDT	1	7.02	6.97	7.07	19.4	12.6
	2	6.19	6.14	6.24	17.1	
Endrin aldehyde	1	6.92	6.87	6.97	19.6	14.2
	2	6.26	6.21	6.31	17.0	
Endosulfan sulfate	1	7.15	7.10	7.20	19.4	13.8
	2	6.48	6.43	6.53	16.9	
Methoxychlor	1	7.49	7.44	7.54	18.8	11.2
	2	6.76	6.71	6.81	16.8	
Endrin ketone	1	7.63	7.58	7.68	19.7	13.6
	2	6.99	6.94	7.04	17.2	
alpha-BHC	1	4.00	3.95	4.05	19.9	11.1
	2	3.40	3.35	3.45	17.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	20.3	16.5
	2	3.73	3.68	3.78	17.2	
Heptachlor	1	4.93	4.88	4.98	20.7	15.1
	2	4.09	4.04	4.14	17.8	
Aldrin	1	5.27	5.22	5.32	20.4	15.3
	2	4.37	4.32	4.42	17.5	
beta-BHC	1	4.52	4.47	4.57	19.5	9.1
	2	4.03	3.98	4.08	17.8	
delta-BHC	1	4.77	4.72	4.82	20.0	12.8
	2	4.26	4.21	4.31	17.6	
Heptachlor epoxide	1	5.69	5.64	5.74	19.8	13.5
	2	4.87	4.82	4.92	17.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MSD

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984 SDG NO.: Q1984

Lab Sample ID: Q1984-01MSD

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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	6.08	6.03	6.13	20.0	13.9
	2	5.25	5.20	5.30	17.4	
gamma-Chlordane	1	5.95	5.90	6.00	19.8	13.5
	2	5.13	5.08	5.18	17.3	
alpha-Chlordane	1	6.03	5.98	6.08	19.9	14
	2	5.19	5.14	5.24	17.3	
4,4'-DDE	1	6.20	6.15	6.25	19.4	11.4
	2	5.38	5.33	5.43	17.3	
Dieldrin	1	6.35	6.30	6.40	20.2	14.9
	2	5.51	5.46	5.56	17.4	
Endrin	1	6.58	6.53	6.63	19.8	12.9
	2	5.79	5.74	5.84	17.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-24-050725

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1984

SAS No.: Q1984 **SDG NO.:** Q1984

Lab Sample ID: Q1984-07

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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-Chlordane	1	6.03	5.98	6.08	1.60	37
	2	5.19	5.14	5.24	1.10	
4,4'-DDE	1	6.20	6.15	6.25	0.83	19.1
	2	5.38	5.33	5.43	1.00	
Dieldrin	1	6.35	6.30	6.40	0.52	2.7
	2	5.51	5.46	5.56	0.53	
gamma-Chlordane	1	5.95	5.90	6.00	1.20	22.2
	2	5.13	5.08	5.18	1.50	
Endrin	1	6.58	6.53	6.63	0.27	23.5
	2	5.79	5.74	5.84	0.21	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-25-050725

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984 SDG NO.: Q1984

Lab Sample ID: Q1984-09

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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		
gamma-Chlordane	1	5.95	5.90	6.00	0.92	17.8
	2	5.13	5.08	5.18	1.10	
alpha-Chlordane	1	6.03	5.98	6.08	1.40	57
	2	5.19	5.14	5.24	0.78	
4,4'-DDE	1	6.20	6.15	6.25	0.92	8.3
	2	5.38	5.33	5.43	1.00	
Dieldrin	1	6.35	6.30	6.40	0.42	10
	2	5.51	5.46	5.56	0.47	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-25-050725RE

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984 SDG NO.: Q1984

Lab Sample ID: Q1984-09RE

Date(s) Analyzed: 05/19/2025 05/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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		
gamma-Chlordane	1	5.95	5.90	6.00	0.85	41.6
	2	5.13	5.08	5.18	1.30	
alpha-Chlordane	1	6.04	5.99	6.09	1.20	45
	2	5.19	5.14	5.24	0.76	
4,4'-DDE	1	6.20	6.15	6.25	0.74	38.6
	2	5.38	5.33	5.43	1.10	
Dieldrin	1	6.36	6.31	6.41	0.37	19.3
	2	5.51	5.46	5.56	0.45	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-26-050725

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984

SDG NO.: Q1984

Lab Sample ID: Q1984-11

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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-Chlordane	1	6.03	5.98	6.08	0.59	43.7
	2	5.19	5.14	5.24	0.38	
4,4'-DDE	1	6.20	6.15	6.25	1.20	8
	2	5.38	5.33	5.43	1.30	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-26-050725RE

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984

SDG NO.: Q1984

Lab Sample ID: Q1984-11RE

Date(s) Analyzed: 05/19/2025 05/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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-Chlordane	1	6.03	5.98	6.08	0.51	21.4
	2	5.19	5.14	5.24	0.41	
4,4'-DDE	1	6.20	6.15	6.25	0.85	16.6
	2	5.38	5.33	5.43	1.00	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-27-050725

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1984

SAS No.: Q1984 **SDG NO.:** Q1984

Lab Sample ID: Q1984-13

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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		
gamma-Chlordane	1	5.95	5.90	6.00	0.61	17.5
	2	5.12	5.07	5.17	0.73	
alpha-Chlordane	1	6.03	5.98	6.08	0.85	55.4
	2	5.19	5.14	5.24	0.48	
4,4'-DDE	1	6.20	6.15	6.25	0.59	23.8
	2	5.38	5.33	5.43	0.75	
Dieldrin	1	6.35	6.30	6.40	0.34	1.6
	2	5.51	5.46	5.56	0.34	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-27-050725RE

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1984

SAS No.: Q1984

SDG NO.: Q1984

Lab Sample ID: Q1984-13RE

Date(s) Analyzed: 05/19/2025 05/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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		
gamma-Chlordane	1	5.95	5.90	6.00	0.49	41.4
	2	5.14	5.09	5.19	0.75	
alpha-Chlordane	1	6.03	5.98	6.08	0.59	30.1
	2	5.21	5.16	5.26	0.44	
4,4'-DDE	1	6.20	6.15	6.25	0.45	40.8
	2	5.39	5.34	5.44	0.68	
Dieldrin	1	6.35	6.30	6.40	0.25	29.1
	2	5.53	5.48	5.58	0.34	
Endrin	1	6.58	6.53	6.63	0.25	19.6
	2	5.81	5.76	5.86	0.30	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-28-050725

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1984

SAS No.: Q1984 **SDG NO.:** Q1984

Lab Sample ID: Q1984-15

Date(s) Analyzed: 05/15/2025 05/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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		
gamma-Chlordane	1	5.95	5.90	6.00	0.48	44
	2	5.12	5.07	5.17	0.76	
alpha-Chlordane	1	6.03	5.98	6.08	0.82	53.4
	2	5.19	5.14	5.24	0.47	
4,4'-DDE	1	6.20	6.15	6.25	0.55	24.1
	2	5.38	5.33	5.43	0.70	
Dieldrin	1	6.35	6.30	6.40	0.35	11.3
	2	5.51	5.46	5.56	0.39	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-TS-28-050725RE

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1984

SAS No.: Q1984 **SDG NO.:** Q1984

Lab Sample ID: Q1984-15RE

Date(s) Analyzed: 05/19/2025 05/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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'-DDE	1	6.20	6.15	6.25	0.51	44.4
	2	5.38	5.33	5.43	0.79	
gamma-Chlordane	1	5.95	5.90	6.00	0.39	59.3
	2	5.12	5.07	5.17	0.72	
alpha-Chlordane	1	6.03	5.98	6.08	0.58	12.3
	2	5.19	5.14	5.24	0.51	
Dieldrin	1	6.35	6.30	6.40	0.24	65.7
	2	5.51	5.46	5.56	0.48	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167959BS

Contract: NOBI03

Lab Code: CHEM

Case No.: Q1984

SAS No.: Q1984

SDG NO.: Q1984

Lab Sample ID: PB167959BS

Date(s) Analyzed: 05/13/2025

05/13/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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	18.5	12
	2	5.93	5.88	5.98	16.4	
4,4'-DDT	1	7.02	6.97	7.07	17.3	12.3
	2	6.19	6.14	6.24	15.3	
alpha-BHC	1	4.00	3.95	4.05	17.7	9.5
	2	3.40	3.35	3.45	16.1	
Aldrin	1	5.27	5.22	5.32	18.1	11.1
	2	4.37	4.32	4.42	16.2	
beta-BHC	1	4.52	4.47	4.57	17.3	7.8
	2	4.03	3.98	4.08	16.0	
alpha-Chlordane	1	6.03	5.98	6.08	18.1	12.9
	2	5.19	5.14	5.24	15.9	
4,4'-DDE	1	6.20	6.15	6.25	17.7	9.5
	2	5.38	5.33	5.43	16.1	
Endosulfan II	1	6.79	6.74	6.84	17.6	10.8
	2	6.08	6.03	6.13	15.8	
Endrin aldehyde	1	6.92	6.87	6.97	17.8	11.9
	2	6.26	6.21	6.31	15.8	
Endosulfan sulfate	1	7.15	7.10	7.20	17.9	13.1
	2	6.48	6.43	6.53	15.7	
Methoxychlor	1	7.49	7.44	7.54	16.6	10.1
	2	6.76	6.71	6.81	15.0	
Endrin ketone	1	7.63	7.58	7.68	18.0	13
	2	6.99	6.94	7.04	15.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.5	9.6
	2	3.73	3.68	3.78	15.9	
Heptachlor	1	4.93	4.88	4.98	18.0	13
	2	4.08	4.03	4.13	15.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167959BS

Contract: NOBI03

Lab Code: CHEM Case No.: Q1984

SAS No.: Q1984

SDG NO.: Q1984

Lab Sample ID: PB167959BS

Date(s) Analyzed: 05/13/2025 05/13/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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	18.0	10.5
	2	4.26	4.21	4.31	16.2	
Heptachlor epoxide	1	5.69	5.64	5.74	18.1	12.3
	2	4.88	4.83	4.93	16.0	
Endosulfan I	1	6.08	6.03	6.13	18.2	13.5
	2	5.25	5.20	5.30	15.9	
gamma-Chlordane	1	5.95	5.90	6.00	18.1	12.3
	2	5.13	5.08	5.18	16.0	
Dieldrin	1	6.35	6.30	6.40	18.3	13.4
	2	5.52	5.47	5.57	16.0	
Endrin	1	6.58	6.53	6.63	17.4	12.2
	2	5.79	5.74	5.84	15.4	