

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet

SW-846

SDG No.: Q1984

Order ID: Q1984

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
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Client ID :

Total Concentration: 0.000



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-33-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	95.1	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111012.D	1	05/12/25 09:05	05/12/25 13:42	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	4.10	8.70	17.9	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.20	13.7	17.9	ug/kg
11141-16-5	Aroclor-1232	8.70	U	3.90	8.70	17.9	ug/kg
53469-21-9	Aroclor-1242	8.70	U	4.20	8.70	17.9	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.20	13.7	17.9	ug/kg
11097-69-1	Aroclor-1254	8.70	U	3.40	8.70	17.9	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	17.9	ug/kg
11100-14-4	Aroclor-1268	8.70	U	3.80	8.70	17.9	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.40	8.70	17.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.2		44 - 130		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		60 - 125		108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-34-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-03		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	95.7	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111013.D	1	05/12/25 09:05	05/12/25 14:00	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.70	U	4.10	8.70	17.7	ug/kg
11104-28-2	Aroclor-1221	13.6	U	4.20	13.6	17.7	ug/kg
11141-16-5	Aroclor-1232	8.70	U	3.90	8.70	17.7	ug/kg
53469-21-9	Aroclor-1242	8.70	U	4.20	8.70	17.7	ug/kg
12672-29-6	Aroclor-1248	13.6	U	6.20	13.6	17.7	ug/kg
11097-69-1	Aroclor-1254	8.70	U	3.30	8.70	17.7	ug/kg
37324-23-5	Aroclor-1262	13.6	U	5.20	13.6	17.7	ug/kg
11100-14-4	Aroclor-1268	8.70	U	3.80	8.70	17.7	ug/kg
11096-82-5	Aroclor-1260	8.70	U	3.40	8.70	17.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.8		44 - 130		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		60 - 125		104%	SPK: 20

Comments:

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-PCS-TC-35-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-05		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	94.4	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111014.D	1	05/12/25 09:05	05/12/25 14:19	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.80	U	4.20	8.80	18.0	ug/kg
11104-28-2	Aroclor-1221	13.7	U	4.30	13.7	18.0	ug/kg
11141-16-5	Aroclor-1232	8.80	U	3.90	8.80	18.0	ug/kg
53469-21-9	Aroclor-1242	8.80	U	4.20	8.80	18.0	ug/kg
12672-29-6	Aroclor-1248	13.7	U	6.30	13.7	18.0	ug/kg
11097-69-1	Aroclor-1254	8.80	U	3.40	8.80	18.0	ug/kg
37324-23-5	Aroclor-1262	13.7	U	5.30	13.7	18.0	ug/kg
11100-14-4	Aroclor-1268	8.80	U	3.80	8.80	18.0	ug/kg
11096-82-5	Aroclor-1260	8.80	U	3.40	8.80	18.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.3		44 - 130		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		60 - 125		108%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-24-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-07		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	69.7	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111015.D	1	05/12/25 09:05	05/12/25 14:37	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	11.9	U	5.70	11.9	24.4	ug/kg
11104-28-2	Aroclor-1221	18.6	U	5.80	18.6	24.4	ug/kg
11141-16-5	Aroclor-1232	11.9	U	5.30	11.9	24.4	ug/kg
53469-21-9	Aroclor-1242	11.9	U	5.70	11.9	24.4	ug/kg
12672-29-6	Aroclor-1248	18.6	U	8.50	18.6	24.4	ug/kg
11097-69-1	Aroclor-1254	11.9	U	4.60	11.9	24.4	ug/kg
37324-23-5	Aroclor-1262	18.6	U	7.20	18.6	24.4	ug/kg
11100-14-4	Aroclor-1268	11.9	U	5.20	11.9	24.4	ug/kg
11096-82-5	Aroclor-1260	11.9	U	4.60	11.9	24.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.9		44 - 130		105%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 125		80%	SPK: 20

Comments:

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 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-25-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-09		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	68	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111031.D	1	05/12/25 09:05	05/13/25 10:46	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.2	U	5.80	12.2	24.9	ug/kg
11104-28-2	Aroclor-1221	19.1	U	5.90	19.1	24.9	ug/kg
11141-16-5	Aroclor-1232	12.2	U	5.50	12.2	24.9	ug/kg
53469-21-9	Aroclor-1242	12.2	U	5.90	12.2	24.9	ug/kg
12672-29-6	Aroclor-1248	19.1	U	8.70	19.1	24.9	ug/kg
11097-69-1	Aroclor-1254	12.2	U	4.70	12.2	24.9	ug/kg
37324-23-5	Aroclor-1262	19.1	U	7.40	19.1	24.9	ug/kg
11100-14-4	Aroclor-1268	12.2	U	5.30	12.2	24.9	ug/kg
11096-82-5	Aroclor-1260	12.2	U	4.70	12.2	24.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.3		44 - 130		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		60 - 125		90%	SPK: 20

Comments:

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 MDL = Method Detection Limit
 LOD = Limit of Detection
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 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
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 () = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-26-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-11		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	60.1	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111017.D	1	05/12/25 09:05	05/12/25 15:12	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	13.8	U	6.60	13.8	28.3	ug/kg
11104-28-2	Aroclor-1221	21.6	U	6.70	21.6	28.3	ug/kg
11141-16-5	Aroclor-1232	13.8	U	6.20	13.8	28.3	ug/kg
53469-21-9	Aroclor-1242	13.8	U	6.70	13.8	28.3	ug/kg
12672-29-6	Aroclor-1248	21.6	U	9.80	21.6	28.3	ug/kg
11097-69-1	Aroclor-1254	13.8	U	5.30	13.8	28.3	ug/kg
37324-23-5	Aroclor-1262	21.6	U	8.30	21.6	28.3	ug/kg
11100-14-4	Aroclor-1268	13.8	U	6.00	13.8	28.3	ug/kg
11096-82-5	Aroclor-1260	13.8	U	5.40	13.8	28.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.2		44 - 130		86%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.69	*	60 - 125		48%	SPK: 20

Comments:

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 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
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Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-27-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-13		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	62.5	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072008.D	1	05/12/25 09:05	05/13/25 10:08	PB167949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	13.2	U	6.30	13.2	27.1	ug/kg
11104-28-2	Aroclor-1221	20.8	U	6.40	20.8	27.1	ug/kg
11141-16-5	Aroclor-1232	13.2	U	5.90	13.2	27.1	ug/kg
53469-21-9	Aroclor-1242	13.2	U	6.40	13.2	27.1	ug/kg
12672-29-6	Aroclor-1248	20.8	U	9.40	20.8	27.1	ug/kg
11097-69-1	Aroclor-1254	13.2	U	5.10	13.2	27.1	ug/kg
37324-23-5	Aroclor-1262	20.8	U	8.00	20.8	27.1	ug/kg
11100-14-4	Aroclor-1268	13.2	U	5.70	13.2	27.1	ug/kg
11096-82-5	Aroclor-1260	13.2	U	5.20	13.2	27.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.0		44 - 130		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 125		95%	SPK: 20

Comments:

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Report of Analysis

Client:	Nobis Group		Date Collected:	05/07/25	
Project:	Raymark Superfund Site		Date Received:	05/08/25	
Client Sample ID:	OU4-TS-28-050725		SDG No.:	Q1984	
Lab Sample ID:	Q1984-15		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	64.6	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111052.D	1	05/13/25 08:30	05/14/25 10:49	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.8	U	6.10	12.8	26.3	ug/kg
11104-28-2	Aroclor-1221	20.1	U	6.20	20.1	26.3	ug/kg
11141-16-5	Aroclor-1232	12.8	U	5.80	12.8	26.3	ug/kg
53469-21-9	Aroclor-1242	12.8	U	6.20	12.8	26.3	ug/kg
12672-29-6	Aroclor-1248	20.1	U	9.20	20.1	26.3	ug/kg
11097-69-1	Aroclor-1254	12.8	U	5.00	12.8	26.3	ug/kg
37324-23-5	Aroclor-1262	20.1	U	7.80	20.1	26.3	ug/kg
11100-14-4	Aroclor-1268	12.8	U	5.60	12.8	26.3	ug/kg
11096-82-5	Aroclor-1260	12.8	U	5.00	12.8	26.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	13.9		44 - 130		70%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		60 - 125		115%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1984	OrderDate:	5/8/2025 10:48:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1984-01	OU4-PCS-TC-33-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-03	OU4-PCS-TC-34-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-05	OU4-PCS-TC-35-0507 25	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-07	OU4-TS-24-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-09	OU4-TS-25-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/13/25	
Q1984-11	OU4-TS-26-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/12/25	
Q1984-13	OU4-TS-27-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/12/25	05/13/25	
Q1984-15	OU4-TS-28-050725	SOIL			05/07/25			05/08/25
			PCB	8082A		05/13/25	05/14/25	