

# LAB CHRONICLE

OrderID: Client: Contact:	Q1730 Nobis Group Adam Roy			OrderDate: Project: Location:	4/4/2025 10:51 Raymark Supe L31,VOA Ref. <i>‡</i>	rfund Site		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1730-01	OU4-VSL-15-040325	SOIL			04/03/25 12:10			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:38	
Q1730-03	OU4-VSL-16-040325	SOIL			04/03/25 12:20			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:38	
Q1730-05	OU4-VSL-17-040325	SOIL			04/03/25 12:30			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:38	
Q1730-07	OU4-PCS-TC-21-0403 25	SOIL			04/03/25 13:45			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:46	
Q1730-09	OU4-PCS-TC-22-0403 25	SOIL			04/03/25 13:50			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:46	
Q1730-11	OU4-PCS-TC-23-0403 25	SOIL			04/03/25 13:55			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:46	
Q1730-13	OU4-PCS-TC-24-0403 25	SOIL			04/03/25 14:00			04/04/25
			Cyanide	9012B		04/08/25	04/08/25 13:53	



LAB CH	RONICLE
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Q1730-15	OU4-PCS-TC-25-0403 25	SOIL		04/03 14:0	-		04/04/25
			Cyanide	9012B	04/08/25	04/08/25 13:53	
Q1730-17	OU4-PCS-TC-26-0403 25	SOIL		04/03 14:1	-		04/04/25
			Cyanide	9012B	04/08/25	04/08/25 14:00	
Q1730-19	OU4-CF-15-040325	SOIL		04/03 13:0	-		04/04/25
			Cyanide	9012B	04/08/25	04/08/25 14:27	









	Report of Analysis											
	Client:	No	ois Grou	р					Date Collected:	04/03/25 1	2:10	В
	Project:	Ray	mark S	uperfi	and Site				Date Received:	04/04/25		С
	Client Sample ID:	OU	4-VSL-	15-04	0325				SDG No.:	Q1730		D
	Lab Sample ID:	Q1′	730-01						Matrix:	SOIL		
									% Solid:	96.9		J
I	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Wei	ght) Prep Date	Date Ana.	Ana Met.	
(	Cyanide	0.20	U	1	0.042	0.20	0.25	mg/Kg	04/08/25 09:00	04/08/25 13:38	9012B	

- U = Not Detected
- LOQ = Limit of Quantitation
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- D = Dilution
- Q = indicates LCS control criteria did not meet requirements
- H = Sample Analysis Out Of Hold Time

- J = Estimated Value
- B = Analyte Found in Associated Method Blank

- E = Indicates the reported value is estimated because of the presence of interference.
- OR = Over Range
- N =Spiked sample recovery not within control limits

<sup>\* =</sup> indicates the duplicate analysis is not within control limits.



	Report of Analysis									
Client:	Nobis Group			Date Collected:	04/03/25 12:20	В				
Project:	Raymark Superfu	nd Site		Date Received:	04/04/25	С				
Client Sample ID:	OU4-VSL-16-040	325		SDG No.:	Q1730	D				
Lab Sample ID:	Q1730-03			Matrix:	SOIL					
				% Solid:	94.5					
Parameter	Conc. Qua. DF	MDL LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana. Ana	Met.				
Cyanide	0.21 U 1	0.044 0.21	0.26	mg/Kg 04/08/25 09:00	04/08/25 13:38 9012	2B				

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	Report of Analysis									
Client:	Nobis Group	Date Collected:	04/03/25 12:30							
Project:	Raymark Superfund Site	Date Received:	04/04/25							
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730							
Lab Sample ID:	Q1730-05	Matrix:	SOIL							
		% Solid:	92.4							
Parameter	Conc. Qua. DF MDL LOD LO	DQ / CRQL Units(Dry Weight) Prep Date	Date Ana. Ana Met.							
Cyanide	0.21 U 1 0.043 0.21	0.26 mg/Kg 04/08/25 09:00	04/08/25 13:38 9012B							

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	Report of Analysis									
Client:	Nobis Group		Date Collected:	04/03/25 13:45	В					
Project:	Raymark Superfund Site		Date Received:	04/04/25	С					
Client Sample ID:	OU4-PCS-TC-21-040325		SDG No.:	Q1730	D					
Lab Sample ID:	Q1730-07		Matrix:	SOIL						
			% Solid:	89	J					
Parameter	Conc. Qua. DF MDL	LOD LOQ/CRQL	Units(Dry Weight) Prep Date	Date Ana. Ana Met.						
Cyanide	0.22 U 1 0.047	0.22 0.28	mg/Kg 04/08/25 09:00	04/08/25 13:46 9012B						

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	Report of Analysis										
Client:	Nobis Gı	oup			Date Collected:	04/03/25 1	3.50				
Project:		Superfund Site			Date Received:	04/04/25		С			
Client Sample ID:	-	S-TC-22-040325			SDG No.:	Q1730		D			
Lab Sample ID:	Q1730-0	9			Matrix:	SOIL					
					% Solid:	90.8					
Parameter	Conc. Qua	a. DF MDL	LOD LOQ /	CRQL Units(Dry W	eight) Prep Date	Date Ana.	Ana Met.				
Cyanide	0.21 U	1 0.045	0.21 0.27	mg/Kg	g 04/08/25 09:00	04/08/25 13:46	9012B				

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	Report of Analysis									
Client:	Nobis Gro	oup		Date Collected:	04/03/25 13:55	В				
Project:	Raymark S	Superfund Site		Date Received:	04/04/25	С				
Client Sample ID:	OU4-PCS-	-TC-23-040325		SDG No.:	Q1730	D				
Lab Sample ID:	Q1730-11			Matrix:	SOIL					
				% Solid:	90.9					
Parameter	Conc. Qua.	DF MDL LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana. Ana Met.					
Cyanide	0.22 U	1 0.045 0.22	0.27	mg/Kg 04/08/25 09:00	04/08/25 13:46 9012B					

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	Report of Analysis									
Client:	Nobis	Group					Date Collected:	04/03/25 1	4.00	В
Project:		ark Superf	und Site				Date Received:	04/04/25		С
Client Sample ID:	OU4-F	PCS-TC-2	4-040325			:	SDG No.:	Q1730		D
Lab Sample ID:	Q1730	)-13					Matrix:	SOIL		
							% Solid:	91.3		J
Parameter	Conc. Q	Qua. DF	MDL	LOD	LOQ / CRQL	Units(Dry Weig	ght) Prep Date	Date Ana.	Ana Met.	
Cyanide	0.21	U 1	0.044	0.21	0.26	mg/Kg	04/08/25 09:00	04/08/25 13:53	9012B	

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	Report of Analysis									
Client:	Nobis Grou	ıp		Date Collected:	04/03/25 14:05	В				
Project:	Raymark S	uperfund Site		Date Received:	04/04/25	С				
Client Sample ID:	OU4-PCS-	TC-25-040325		SDG No.:	Q1730	D				
Lab Sample ID:	Q1730-15			Matrix:	SOIL					
				% Solid:	92.5					
Parameter	Conc. Qua.	DF MDL LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana. Ana Met.					
Cyanide	0.21 U	1 0.045 0.21	0.27	mg/Kg 04/08/25 09:00	04/08/25 13:53 9012B					

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- LOD = Limit of Detection
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	Report of Analysis									
Client:	Nobis Gr	מווס		Date Collected:	04/03/25 14:10	В				
Project:		Superfund Site		Date Received:	04/04/25	С				
Client Sample ID:	OU4-PCS	S-TC-26-040325		SDG No.:	Q1730	D				
Lab Sample ID:	Q1730-17	7		Matrix:	SOIL					
				% Solid:	92.1					
Parameter	Conc. Qua	. DF MDL LOI	D LOQ/CRQL	Units(Dry Weight) Prep Date	Date Ana. Ana Met.					
Cyanide	0.21 U	1 0.045 0.21	0.27	mg/Kg 04/08/25 09:00	04/08/25 14:00 9012B					

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						R	eport of A	nalysis				
	Client:	Nol	ois Grou	р					Date Collected:	04/03/25 1	3:00	В
	Project:	Ray	mark S	uperfi	und Site				Date Received:	04/04/25		С
	Client Sample ID:	OU	4-CF-15	5-040	325				SDG No.:	Q1730		D
	Lab Sample ID:	Q1′	730-19						Matrix:	SOIL		
									% Solid:	93.9		
I	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Wei	ght) Prep Date	Date Ana.	Ana Met.	
(	Cyanide	0.21	U	1	0.043	0.21	0.26	mg/Kg	04/08/25 09:00	04/08/25 14:27	9012B	

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

## Initial and Continuing Calibration Verification

Client:	Nobis Group					<b>SDG No.:</b> Q1730	
Project:	Raymark Superfund S	lite				RunNo.: LB1353	46
Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.098	0.099	99	90-110	04/08/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	04/08/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.24	0.25	96	90-110	04/08/2025
Sample ID:	CCV3						
Cyanide		mg/L	0.24	0.25	96	90-110	04/08/2025



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Client:	Nobis Group					SDG N	o.: Q1730	
Project:	Raymark Superfu	und Site				RunNo	LB1353	46
Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/08/2025
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/08/2025
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/08/2025
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	04/08/2025

#### **Initial and Continuing Calibration Blank Summary**



# **Preparation Blank Summary**

Client:	Nobis Group				SDG No.:	Q1730	
Project:	Raymark Superfund Site						
			Acceptance	Conc			Analysis
Analyte	Units	Result	Limits	Qual	MDL	RDL	Date



## Matrix Spike Summary

Client:	Nobis Group				SDG No	.:	Q1730				
Project:	Raymark Superfund	Site			Sample	ID:	Q1730-1	9			
Client ID:	OU4-CF-15-040325MS	3			Percent	Solids for S	Spike Sam	ple:	93.9		
Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	1.80		0.043	U	2	1	90		04/08/2025



## Matrix Spike Summary

Client:	Nobis Group				SDG No	.:	Q1730				
Project:	Raymark Superfund	Site			Sample	ID:	Q1730-1	9			
Client ID:	OU4-CF-15-040325MS	SD		Percent Solids for Spike Sample:							
Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	1.80		0.043	U	2	1	90		04/08/2025



## **Duplicate Sample Summary**

Client: Project:	Nobis Group Raymark Superfund Sit	e			SDG No.: Sample ID:		730 01730-19			
Client ID:	OU4-CF-15-040325DU			Percent Solids for Spike Sample:			93	3.9		
Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date



## **Duplicate Sample Summary**

alyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
						~		DDD /		
Client ID:	OU4-CF-15-040325MS	SD			Percent Sol	ids for Spil	ke Sample:	93	.9	
Project:	Raymark Superfund Si	te		Sample ID:	Q	Q1730-19				
Client:	Nobis Group				SDG No.:	Q1	730			



Client:	Nobis Group				SDG	No.:	Q1730		
Project:	Raymark Superfund Site				Run	No.:	LB135346		
analyte		Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
·· I ·	PB167499BS		_				_		
Cvanide		mg/Kg	5	4.60		92	1	85-115	04/08/2025