

LAB CHRONICLE

OrderID:	Q2558	OrderDate:	7/10/2025 11:16:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2558-01	OU4-TS-Denali-07092 5	SOIL	Cyanide	9012B	07/09/25 11:15	07/10/25	07/11/25 09:46	07/10/25
Q2558-03	OU4-TS-Grillo-OG-070 925	SOIL	Cyanide	9012B	07/09/25 11:30	07/10/25	07/11/25 09:46	07/10/25



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	07/09/25 11:15
Project:	Raymark Superfund Site	Date Received:	07/10/25
Client Sample ID:	OU4-TS-Denali-070925	SDG No.:	Q2558
Lab Sample ID:	Q2558-01	Matrix:	SOIL
		% Solid:	79.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.099	J	1	0.052	0.25	0.31	mg/Kg	07/10/25 13:00	07/11/25 09:46	9012B

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/09/25 11:30
Project:	Raymark Superfund Site	Date Received:	07/10/25
Client Sample ID:	OU4-TS-Grillo-OG-070925	SDG No.:	Q2558
Lab Sample ID:	Q2558-03	Matrix:	SOIL
		% Solid:	78.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.38		1	0.052	0.25	0.31	mg/Kg	07/10/25 13:00	07/11/25 09:46	9012B

Comments: _____

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 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
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Nobis Group

SDG No.: Q2558

Project: Raymark Superfund Site

RunNo.: LB136436

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.096	0.099	97	90-110	07/11/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	07/11/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	07/11/2025
Sample ID: CCV3 Cyanide	mg/L	0.25	0.25	100	90-110	07/11/2025

Initial and Continuing Calibration Blank Summary

Client: Nobis Group

SDG No.: Q2558

Project: Raymark Superfund Site

RunNo.: LB136436

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	07/11/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/11/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/11/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	07/11/2025

Preparation Blank Summary

Client: Nobis Group

SDG No.: Q2558

Project: Raymark Superfund Site

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Cyanide	PB168805BL mg/Kg	< 0.1250	0.1250	U	0.042	0.25	07/11/2025

Matrix Spike Summary

Client:	Nobis Group	SDG No.:	Q2558
Project:	Raymark Superfund Site	Sample ID:	Q2555-01
Client ID:	OU4-TS-29-070925MS	Percent Solids for Spike Sample:	74.1

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	2.50		0.13	J	2.6	1	91		07/11/2025

Matrix Spike Summary

Client:	Nobis Group	SDG No.:	Q2558
Project:	Raymark Superfund Site	Sample ID:	Q2555-01
Client ID:	OU4-TS-29-070925MSD	Percent Solids for Spike Sample:	74.1

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	2.50		0.13	J	2.6	1	91		07/11/2025

Duplicate Sample Summary

Client:	Nobis Group	SDG No.:	Q2558
Project:	Raymark Superfund Site	Sample ID:	Q2555-01
Client ID:	OU4-TS-29-070925DUP	Percent Solids for Spike Sample:	74.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.13	J	0.11	J	1	17		07/11/2025

Duplicate Sample Summary

Client:	Nobis Group	SDG No.:	Q2558
Project:	Raymark Superfund Site	Sample ID:	Q2555-01
Client ID:	OU4-TS-29-070925MSD	Percent Solids for Spike Sample:	74.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	2.50		2.50		1	0		07/11/2025

Laboratory Control Sample Summary

Client: Nobis Group

SDG No.: Q2558

Project: Raymark Superfund Site

Run No.: LB136436

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB168805BS							
Cyanide	mg/Kg	5	4.90		98	1	85-115	07/11/2025