

### DATA PACKAGE GENERAL CHEMISTRY

**PROJECT NAME: RAYMARK SUPERFUND SITE** 

NOBIS GROUP
585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID: Q2747

**ATTENTION: Adam Roy** 





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### **Cover Page**

**Order ID:** Q2747

**Project ID:** Raymark Superfund Site

**Client:** Nobis Group

### **Lab Sample Number**

### **Client Sample Number**

Q2747-01	OU4-TS-GRILLO-OG2-073125
Q2747-02	OU4-TS-GRILLO-OG2-073125
Q2747-03	OU4-TS-GRILLO-OG3-073125
Q2747-04	OU4-TS-GRILLO-OG3-073125
Q2747-05	OU4-TS-GRILLO-OG4-073125
Q2747-06	OU4-TS-GRILLO-OG4-073125
Q2747-07	OU4-TS-GRILLO-TSCP01-073125
Q2747-08	OU4-TS-GRILLO-TSCP01-073125
Q2747-09	OU4-TS-GRILLO-TSCP02-073125
Q2747-10	OU4-TS-GRILLO-TSCP02-073125

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

By Nimisha Pandya, QA/QC Supervisor at 12:04 pm, Aug 14, 2025

NYDOH CERTIFICATION NO - 11376

**APPROVED** 

NJDEP CERTIFICATION NO - 20012

8/7/2025

Date:

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### CASE NARRATIVE

**Nobis Group** 

**Project Name: Raymark Superfund Site** 

Project # N/A Order ID # Q2747 Test Name: Cyanide

### A. Number of Samples and Date of Receipt:

5 Solid samples were received on 08/01/2025.

### B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide. This data package contains results for Cyanide.

### C. Analytical Techniques:

The analysis of Cyanide was based on method 9012B.

### D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

### E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

**APPROVED** 

By Nimisha Pandya, QA/QC Supervisor at 12:05 pm, Aug 14, 2025

Signature

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### DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following "Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.

ND	Indicates the analyte was analyzed for, but not detected

E	Indicates the reported value is estimated be	ecause of the presence of
	• • •	

interference	

N	Indicates the spiked	sample recovery	is not within	control limits.
---	----------------------	-----------------	---------------	-----------------

S	Indicates the reported value was determined by the Method of Standard
	Addition (MSA).

- Indicates that the duplicate analysis is not within control limits.
- Indicates the correlation coefficient for the MSA is less than 0.995.
- D Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

#### $\mathbf{M}$ Method qualifiers

"P" for ICP instrument

"PM" for ICP when Microwave Digestion is used

"CV" for Manual Cold Vapor AA "AV" for automated Cold Vapor AA

"CA" for MIDI-Distillation Spectrophotometric "AS" for Semi -Automated Spectrophotometric

"C" for Manual Spectrophotometric

"T" for Titrimetric

"NR" for analyte not required to be analyzed

OR Indicates the analyte's concentration exceeds the calibrated range of the

instrument for that specific analysis.

Q Indicates the LCS did not meet the control limits requirements

Η Sample Analysis Out Of Hold Time

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### ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

### GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2747 MATRIX: Solid METHOD: 9012B NA NO YES 1. Blank Contamination - If yes, list compounds and concentrations in each blank: 2. Matrix Spike Duplicate Recoveries Met Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all compounds. 3. Sample Duplicate Analysis Met QC Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. 4. Digestion Holding Time Met If not met, list number of days exceeded for each sample: ADDITIONAL COMMENTS: REVIEWED **QA REVIEW** By Sohil Jodhani, QA/QC Director at 11:15 am, Aug 14, 2025

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### APPENDIX A

### **QA REVIEW GENERAL DOCUMENTATION**

**Project #: Q2747** 

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication, airbill, sample management lab chronicle, login page)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	<u> </u>
Is the chain of custody signed and complete	<u> </u>
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	<u>✓</u> <u>✓</u> <u>✓</u>
Collect information for each project id from server. Were all requirements followed	<u> </u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u> </u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u> </u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u> </u>
Do requested analyses on Chain of Custody agree with the log-in page	<u>√</u> <u>√</u> <u>√</u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	<u> </u>
Were the samples received within hold time	<u> </u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u> </u>
Was client requirement followed?	<u> </u>
Does the case narrative summarize all QC failure?	<u> </u>
All runlogs and manual integration are reviewed for requirements	<u> </u>
All manual calculations and /or hand notations verified	<u> </u>

QA Review Signature: SOHIL JODHANI Date: 08/07/2025

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### LAB CHRONICLE

 OrderID:
 Q2747

 OrderDate:
 8/1/2025 10:40:00 AM

Client: Nobis Group Project: Raymark Superfund Site

Contact: Adam Roy Location: O32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2747-01	OU4-TS-GRILLO-OG2- 073125	SOIL			07/31/25 10:50			08/01/25
			Cyanide	9012B		08/04/25	08/05/25 09:23	
Q2747-03	OU4-TS-GRILLO-OG3- 073125	SOIL			07/31/25 10:55			08/01/25
			Cyanide	9012B		08/04/25	08/05/25 09:23	
Q2747-05	OU4-TS-GRILLO-OG4- 073125	SOIL			07/31/25 11:00			08/01/25
			Cyanide	9012B		08/04/25	08/05/25 09:30	
Q2747-07	OU4-TS-GRILLO-TSCP 01-073125	SOIL			07/31/25 11:05			08/01/25
			Cyanide	9012B		08/04/25	08/05/25 09:30	
Q2747-09	OU4-TS-GRILLO-TSCP 02-073125	SOIL			07/31/25 11:10			08/01/25
			Cyanide	9012B		08/04/25	08/05/25 09:30	

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# SAMPLE DATA



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% Solid:

75.7

### **Report of Analysis**

Client: Nobis Group Date Collected: 07/31/25 10:50 Project: Raymark Superfund Site Date Received: 08/01/25 Client Sample ID: OU4-TS-GRILLO-OG2-073125 SDG No.: Q2747 Lab Sample ID: Q2747-01 Matrix: **SOIL** 

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight	t) Prep Date	Date Ana.	Ana Met.	
Cyanide	0.16	J	1	0.053	0.25	0.32	mg/Kg	08/04/25 12:30	08/05/25 09:23	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

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### **Report of Analysis**

Client: Nobis Group Date Collected: 07/31/25 10:55 Project: Raymark Superfund Site Date Received: 08/01/25 Client Sample ID: OU4-TS-GRILLO-OG3-073125 SDG No.: Q2747 Lab Sample ID: Q2747-03 Matrix: **SOIL** % Solid: 77.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date		Date Ana.	Ana Met.
Cyanide	0.18	J	1	0.054	0.26	0.32	mg/Kg	08/04/25 12:30	08/05/25 09:23	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

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### **Report of Analysis**

Client: Nobis Group Date Collected: 07/31/25 11:00 Project: Raymark Superfund Site Date Received: 08/01/25 Client Sample ID: OU4-TS-GRILLO-OG4-073125 SDG No.: Q2747 Lab Sample ID: Q2747-05 Matrix: **SOIL** % Solid: 80.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date		Date Ana.	Ana Met.	
Cyanide	0.063	J	1	0.050	0.24	0.30	mg/Kg	08/04/25 12:30	08/05/25 09:30	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

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### **Report of Analysis**

Client: Nobis Group Date Collected: 07/31/25 11:05 Project: Raymark Superfund Site Date Received: 08/01/25 Client Sample ID: OU4-TS-GRILLO-TSCP01-073125 SDG No.: Q2747 Lab Sample ID: Q2747-07 Matrix: **SOIL** % Solid: 66.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date		Date Ana.	Ana Met.	
Cyanide	0.31	J	1	0.062	0.30	0.37	mg/Kg	08/04/25 12:30	08/05/25 09:30	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

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### **Report of Analysis**

Client: Nobis Group Date Collected: 07/31/25 11:10 Project: Raymark Superfund Site Date Received: 08/01/25 Client Sample ID: OU4-TS-GRILLO-TSCP02-073125 SDG No.: Q2747 Lab Sample ID: Q2747-09 Matrix: **SOIL** % Solid: 63.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date		Date Ana.	Ana Met.
Cyanide	0.23	J	1	0.063	0.30	0.38	mg/Kg	08/04/25 12:30	08/05/25 09:30	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

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# QC RESULT SUMMARY



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### **Initial and Continuing Calibration Verification**

Client: Nobis Group SDG No.: Q2747

Project: Raymark Superfund Site RunNo.: LB136702

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Cyanide	ICV1	mg/L	0.094	0.099	95	90-110	08/05/2025
Sample ID: Cyanide	CCV1	mg/L	0.25	0.25	100	90-110	08/05/2025
Sample ID: Cyanide	CCV2	mg/L	0.25	0.25	100	90-110	08/05/2025
Sample ID: Cyanide	CCV3	mg/L	0.25	0.25	100	90-110	08/05/2025

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

Client:	Nobis Group	SDG No.:	Q2747
Project:	Raymark Superfund Site	RunNo ·	LB136702

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Cyanide	ICB1	mg/L	0.001	0.0025	J	0.00096	0.005	08/05/2025
Sample ID: Cyanide	CCB1	mg/L	0.0011	0.0025	J	0.00096	0.005	08/05/2025
Sample ID: Cyanide	CCB2	mg/L	< 0.0025	0.0025	U	0.00096	0.005	08/05/2025
Sample ID: Cyanide	CCB3	mg/L	0.0011	0.0025	J	0.00096	0.005	08/05/2025

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### **Preparation Blank Summary**

Client:	Nobis Group	SDG No.:	Q2747
Project:	Raymark Superfund Site		

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Cyanide	PB169111BL mg/Kg	< 0.1250	0.1250	U	0.042	0.25	08/05/2025

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### **Matrix Spike Summary**

Client: Nobis Group SDG No.: Q2747

**Project:** Raymark Superfund Site Sample ID: Q2747-09

Client ID: OU4-TS-GRILLO-TSCP02-073125MS Percent Solids for Spike Sample: 63.7

		Acceptance	Spiked	Conc.	Sample	Conc.	Spike	Dilution	%		Analysis
Analyte	Units	Limit %R	Result	Qualifier	Result	Qualifier	Added	Factor	Rec	Qual	Date
Cyanide	mg/Kg	75-125	3.10		0.23	J	3	1	96		08/05/2025

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### **Matrix Spike Summary**

Client: Nobis Group SDG No.: Q2747

**Project:** Raymark Superfund Site Sample ID: Q2747-09

Client ID: OU4-TS-GRILLO-TSCP02-073125MSD Percent Solids for Spike Sample: 63.7

		Acceptance	Spiked	Conc.	Sample	Conc.	Spike	Dilution	%		Analysis
Analyte	Units	Limit %R	Result	Qualifier	Result	Qualifier	Added	Factor	Rec	Qual	Date
Cyanide	mg/Kg	75-125	3.10		0.23	J	3	1	96		08/05/2025

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### **Duplicate Sample Summary**

Client: Nobis Group SDG No.: Q2747

**Project:** Raymark Superfund Site Sample ID: Q2747-09

Client ID: OU4-TS-GRILLO-TSCP02-073125DUP Percent Solids for Spike Sample: 63.7

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date	
Cyanide	mg/Kg	+/-20	0.23	J	0.23	J	1	0		08/05/2025	

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### **Duplicate Sample Summary**

Client: Nobis Group SDG No.: Q2747

**Project:** Raymark Superfund Site Sample ID: Q2747-09

Client ID: OU4-TS-GRILLO-TSCP02-073125MSD Percent Solids for Spike Sample: 63.7

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date	
Cyanide	mg/Kg	+/-20	3.10		3.10		1	0		08/05/2025	

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### **Laboratory Control Sample Summary**

Client: Nobis Group SDG No.: Q2747

Project: Raymark Superfund Site Run No.: LB136702

Analyte		Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date	
Sample ID	PB169111BS									
Cvanide		mg/Kg	5	4.70		94	1	85-115	08/05/2025	

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## RAW DATA

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Test results

Aquakem 7.2AQ1

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Test results

Page:

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Alliance Technical Group 284 Sheffield Street, Mountainside, NJ 07092

Reviewed by :  $\underline{RM}$  Instrument ID : Konelab

8/5/2025 9:40

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1 ICB1 CCV1 CCB1 PB169111BL PB169111BS LOWPB169111 HIGHPB169111 Q2747-01 Q2747-03 Q2747-05 Q2747-07 Q2747-09 Q2747-09 Q2747-09UP CCV2 CCB2 Q2747-09MS Q2747-09MS Q2747-09MSD CCV3 CCB3	93.866 1.049 245.641 1.058 0.718 94.611 10.231 495.698 2.544 2.860 1.056 4.142 3.057 3.056 247.280 0.819 40.356 40.680 247.061 1.139	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.078 0.001 0.203 0.001 0.001 0.078 0.008 0.409 0.002 0.002 0.001 0.003 0.003 0.003 0.204 0.001 0.033 0.204 0.001 0.033 0.034 0.204 0.001	102% (90-110) 99% (90-110) RM

Ν Mean SD CV%

20 76.846 132.0571 171.85

Q2747-GENCHEM

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Aquakem v. 7.2AQ1

Results from time period:

Tue Aug 05 08:41:28 2025

Tue Aug 05 09:37:45 2025

14071460000	.07.40 20.	20			
Sample Id	Sam/C	tr/c/ Test sho	rt r Test type	Result Result (	unit Result date and tim Stat
0.0PPBCN	Α	Total CN	Р	0.832 μg/l	8/5/2025 8:41:28
5.0PPBCN	Α	Total CN	Р	5.6741 µg/l	8/5/2025 8:41;29
10PPBCN	Α	Total CN	Р	10.8499 µg/l	8/5/2025 8:41:30
50PPBCN	Α	Total CN	Р	48.8713 µg/l	8/5/2025 8:41:31
100PPBCN	Α	Total CN	Р	97.2898 µg/l	8/5/2025 8:41:32
250PPBCN	Α	Total CN	Р	251.7035 μg/l	8/5/2025 8:41:33
500PPBCN	Α	Total CN	P	499.7794 µg/l	8/5/2025 8:41:34
ICV1	S	Total CN	Р	93.8663 µg/l	8/5/2025 9:15:23
ICB1	S	Total CN	Р	1.0493 µg/l	8/5/2025 9:15:27
CCV1	S	Total CN	Р	245.6414 µg/l	8/5/2025 9:15:28
CCB1	S	Total CN	Р	1.0575 μg/l	8/5/2025 9:15:31
PB169111BL	S	Total CN	Р	0.718 μg/l	8/5/2025 9:15:32
PB169111BS	S	Total CN	Р	94.6111 µg/l	8/5/2025 9;22:59
LOWPB169111	S	Total CN	Р	10.2314 µg/l	8/5/2025 9:23:00
HIGHPB169111	S	Total CN	Р	495.6978 μg/l	8/5/2025 9:23:05
Q2747-01	S	Total CN	Р	2.5441 µg/l	8/5/2025 9:23:06
Q2747-03	S	Total CN	Ρ	2.8599 µg/l	8/5/2025 9:23:07
Q2747-05	S	Total CN	Р	1.0555 µg/l	8/5/2025 9:30:29
Q2747-07	S	Total CN	Р	4.1423 μg/l	8/5/2025 9:30:30
Q2747-09	S	Total CN	Р	3.0567 µg/l	8/5/2025 9:30:31
Q2747-09DUP	S	Total CN	Р	3.0557 µg/l	8/5/2025 9:30:34
CCV2	S	Total CN	Р	247.2797 μg/l	8/5/2025 9:30:38
CCB2	S	Total CN	Р	0.8188 µg/l	8/5/2025 9:37:36
Q2747-09MS	S	Total CN	Р	40.3563 μg/l	8/5/2025 9:37:39
	S	Total CN	Р	40.6804 μg/l	8/5/2025 9:37:40
	S	Total CN	Р	247.0614 µg/l	8/5/2025 9:37:42
CCB3	S	Total CN	Р	1.1395 μg/l	8/5/2025 9:37:45
				_	· <del>-</del>

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Page:

Alliance Technical Group 284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : \_\_RM

Instrument ID : Konelab

8/5/2025 8:42

Test Total CN

Accepted

8/5/2025 8:42

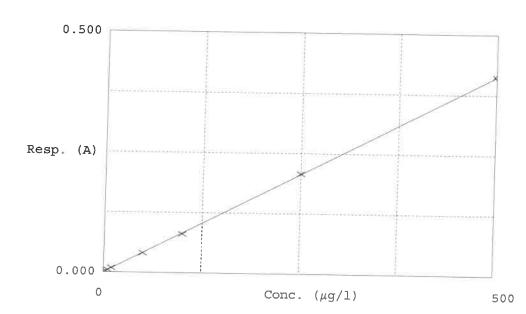
Factor

1212

Bias

Coeff. of det. 0.999935

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1 2 3 4 5 6 7	0.0PPBCN 5.0PPBCN 10PPBCN 50PPBCN 100PPBCN 250PPBCN 500PPBCN	0.001 0.005 0.009 0.040 0.080 0.208 0.413	0.8320 5.6741 10.8499 48.8713 97.2898 251.7035 499.7794	0.0000 5.0000 10.0000 50.0000 100.0000 250.0000	73.5 0.5 -2.3 -2.7 0.7 0.0

08/05/2025 RM

Q2747-GENCHEM



TECHNI	CAL GROU	Soil/Sludge Cyanide Prep	Soil/Sludge Cyanide Preparation Sheet						
SOP ID:	M9012B-Total, A	menable and Reactive Cyanide-21							
SDG No:	N/A	Start Di	gest Date: 08/04/2025	<b>Temp:</b> 123 °C					
Matrix :	SOIL	End Di	gest Date: 08/04/2025 Time: 14:00	Temp: 126 °C					
Pippete ID :	wc	_							
Balance ID:	WC SC-7								
Hood ID:	HOOD#1	Digestion tube ID: M5595	Block Thermometer ID: W	C CYANIDE					
Block ID:	MC-1,MC-2	Filter paper ID : N/A	Prep Technician Signature:	20					
Weigh By :	JP	pH Meter ID : N/A	Supervisor Signature:	12					
Standared	Name	MLS USED	STD DEE # EDOM LOC						

Standared Name	MLS USED	STD REF. # I	FROM LOG		
LCSS	1.0ML	WP113838			
MS/MSD SPIKE SOL.	0.40ML	WP113837			
PBS003	50.0ML	W3112			
N/A	N/A	N/A			
N/A	N/A	N/A			
Chemical Used	MI /SAN	DI E LISED	4 - 4 - 4		

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP112826
51% w/v MgCL2	2.0ML	WP112827
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
510.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
ССВ	ССВ	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113837
OWSTD	LOWSTD	0.1ML	WP113837

### **Extraction Conformance/Non-Conformance Comments:**

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/04/2025 14.1	76 / COC	RIT WO
	Preparation Group	Analysis Group







Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol	рН	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep
PB169111BL	PBS111	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB169111BS	LCS111	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2747-01	OU4-TS-GRILLO-OG2-073125	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2747-03	OU4-TS-GRILLO-OG3-073125	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2747-05	OU4-TS-GRILLO-OG4-073125	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
22747-07	OU4-TS-GRILLO-TSCP01-073 125	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
2747-09	OU4-TS-GRILLO-TSCP02-073 125	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
2747-09DUP	OU4-TS-GRILLO-TSCP02-073 125DUP	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
2747-09MS	OU4-TS-GRILLO-TSCP02-073 125MS	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
2747-09MSD	OU4-TS-GRILLO-TSCP02-073 125MSD	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A

# WORKLIST(Hardcopy Internal Chain)

	Date: 08-04-2025 07-46-52	Collect Date Method			07/31/2025 00425	0110E 02020	07/31/2025 9012B		U//31/2025 9012B	07/31/2025 00125	97106	07/31/2025 9012B
	ă	<u>ā</u>	Location		032		032	032	700	032		032
in)	Distillation	Customer			NOBI03	SOLON	NOBIU3	NOBI03		NOBI03	COLOCIA	SOBIOS
RKLIST(Hardcopy Internal Chain)	Department : D	Preservative			Cool 4 deg C	Cool 4 dea C	) ) )	Cool 4 deg C		Cool 4 deg C	Cool 4 dea C	
WORKLIST(F	t ID: 191067	Test		Cvanide		Cyanide	Cyanida	Syaning	Cvanide		Cyanide	
	WorkList ID :	Matrix		Solid		Solid	Solid		Solid		Solid	
	CN Q2747	Customer Sample		OU4-1S-GRILLO-0G2-073125	OU4-TS-GRILLO-063 073425	CZ   CZ   CZ   CZ   CZ   CZ   CZ   CZ	OU4-TS-GRILLO-OG4-073125	01 H	OU4-13-GRILLO-TSCP01-0731 Solid	OU4-TS-GRILLO_TSCB03 672	10-20 102-013	
Q2747-0		Sample	02747-01	10-11-138	Q2747-03		Q2747-05	Q2747-07		Q2747-09		

Date/Time 08/04/202 Raw Sample Received by:

Raw Sample Relinquished by:

Page 1 of 1

Date/Time 08/04/2025

Raw Sample Received by:

Raw Sample Relinquished by:



**Instrument ID:** 

KONELAB

### Daily Analysis Runlog For Sequence/QCBatch ID # LB136702

Review By	rub	ina	Review On	8/5/2025 1:29:13 PM			
Supervise By	lwc	ona	Supervise On	8/5/2025 1:47:06 PM			
SubDirectory	LB	136702	Test	Cyanide			
STD. NAME		STD REF.#					
ICAL Standard		WP114165,WP114166,WP114167,WP114168,WP114169,WP114170,WP114171					
ICV Standard		W3012					
CCV Standard		WP114166					
ICSA Standard		N/A					
CRI Standard		N/A					
LCS Standard		WP113838					
Chk Standard		WP112643,WP112900,	WP114173				

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	08/05/25 08:41		rubina	ОК
2	5.0PPBCN	5.0PPBCN	CAL2	08/05/25 08:41		rubina	ОК
3	10PPBCN	10PPBCN	CAL3	08/05/25 08:41		rubina	ОК
4	50PPBCN	50PPBCN	CAL4	08/05/25 08:41		rubina	ОК
5	100PPBCN	100PPBCN	CAL5	08/05/25 08:41		rubina	ОК
6	250PPBCN	250PPBCN	CAL6	08/05/25 08:41		rubina	ОК
7	500PPBCN	500PPBCN	CAL7	08/05/25 08:41		rubina	ОК
8	ICV1	ICV1	ICV	08/05/25 09:15		rubina	ОК
9	ICB1	ICB1	ICB	08/05/25 09:15		rubina	ОК
10	CCV1	CCV1	CCV	08/05/25 09:15		rubina	ОК
11	CCB1	CCB1	ССВ	08/05/25 09:15		rubina	ОК
12	PB169111BL	PB169111BL	MB	08/05/25 09:15		rubina	ОК
13	PB169111BS	PB169111BS	LCS	08/05/25 09:22		rubina	ОК
14	LOWPB169111	LOWPB169111	SAM	08/05/25 09:23		rubina	ОК
15	HIGHPB169111	HIGHPB169111	SAM	08/05/25 09:23		rubina	ОК
16	Q2747-01	OU4-TS-GRILLO-OG	SAM	08/05/25 09:23		rubina	ОК
17	Q2747-03	OU4-TS-GRILLO-OG	SAM	08/05/25 09:23		rubina	ОК
18	Q2747-05	OU4-TS-GRILLO-OG4	SAM	08/05/25 09:30		rubina	ОК

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**Instrument ID:** 

KONELAB

### Daily Analysis Runlog For Sequence/QCBatch ID # LB136702

Review By	rub	ina	Review On	8/5/2025 1:29:13 PM
Supervise By	lwo	ona	Supervise On	8/5/2025 1:47:06 PM
SubDirectory	LB	136702	Test	Cyanide
STD. NAME		STD REF.#		
ICAL Standard		WP114165,WP114166,	WP114167,WP114168,WP114169,WP1	14170,WP114171
ICV Standard		W3012		
CCV Standard		WP114166		
ICSA Standard		N/A		
CRI Standard		N/A		
LCS Standard		WP113838		
Chk Standard		WP112643,WP112900,	WP114173	

19	Q2747-07	OU4-TS-GRILLO-TSO	SAM	08/05/25 09:30	rubina	OK
20	Q2747-09	OU4-TS-GRILLO-TSC	SAM	08/05/25 09:30	rubina	ОК
21	Q2747-09DUP	OU4-TS-GRILLO-TSO	DUP	08/05/25 09:30	rubina	ОК
22	CCV2	CCV2	CCV	08/05/25 09:30	rubina	OK
23	CCB2	CCB2	ССВ	08/05/25 09:37	rubina	ОК
24	Q2747-09MS	OU4-TS-GRILLO-TSO	MS	08/05/25 09:37	rubina	ОК
25	Q2747-09MSD	OU4-TS-GRILLO-TSO	MSD	08/05/25 09:37	rubina	ОК
26	CCV3	CCV3	CCV	08/05/25 09:37	rubina	ОК
27	CCB3	CCB3	ССВ	08/05/25 09:37	rubina	ОК

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### **Prep Standard - Chemical Standard Summary**

Order ID: Q2747

Test: Cyanide, Percent Solids

Prepbatch ID: PB169111,

Sequence ID/Qc Batch ID: LB136702,

### Standard ID:

WP112643, WP112826, WP112827, WP112900, WP113836, WP113837, WP113838, WP114164, WP114165, WP114166, WP114167, WP114168, WP114169, WP114170, WP114171, WP114173, WP114173, WP114173, WP114173, WP114174, WP11

### Chemical ID:

Q2747-GENCHEM 33 of 67

1

2

4

E.

6

10

4.6

13



### Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	<u>NAME</u>	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarych
539	CN BUFFER	WP112643	04/09/2025	10/09/2025	Niha Farheen	WETCHEM_S	None	
					Shaik	CALE_5 (WC		04/09/2025
FROM	138 00000gram of W2668 + 862 000	00ml of W3	112 = Final O	uantity: 1000 0	100 ml	SC-5)		

FROW	100.00000gram of \$\$\\\2000 \cdot 002.00000m of \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0 1111

Recipe ID	NAME	<u>NO.</u>	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarych
1714	Sulfuric Acid, 50% (v/v)	WP112826	04/25/2025	10/25/2025	Rubina Mughal	None	None	04/25/2025

FROM 1000.0000ml of M6041 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Q2747-GENCHEM **34 of 67** 



### Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	<u>NAME</u>	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarych
3214	3	WP112827	04/25/2025	10/25/2025	Rubina Mughal	_		-
	2.5M(51%W/V)					CALE_8 (WC		04/25/2025
EDOM	500 00000ml of W3112 + 510 00000	aram of W3	152 = Final O	uantity: 1000 (	000 ml	SC-7)		

I KOW	000.000001111 01 110112	· 010.00000gram or 110102	i mai Quantity. 1000.000 iiii

Recipe ID	NAME	<u>NO.</u>	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipettelD</u>	Supervised By Iwona Zarvch
607	PYRIDINE-BARBITURIC ACID	WP112900	05/01/2025	08/18/2025	Rubina Mughal	WETCHEM_S CALE 8 (WC	Glass Pipette-A	05/01/2025
						SC-7)		00/01/2020

FROM 145.00000ml of W3112 + 15.00000gram of W3203 + 15.00000ml of M6151 + 75.00000ml of W3019 = Final Quantity: 250.000

Q2747-GENCHEM **35 of 67** 



### Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	<u>NAME</u>	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarych
11	,	WP113836	07/08/2025	12/31/2025	Rubina Mughal	_		•
	solution 0.25 N					CALE_8 (WC		07/08/2025
EDOM.	21 00000L of W3112 + 210 00000gra	m of W3113	R = Final Oua	intity: 21 000 T		SC-7)		

Recipe ID	NAME	<u>NO.</u>	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipettelD</u>	Supervised By Iwona Zarych
3850	Cyanide MS-MSD spiking solution, 5PPM	WP113837	07/08/2025	11/30/2025	Rubina Mughal	None	WETCHEM_F IPETTE_3 (WC)	07/08/2025

FROM 1.00000ml of W3214 + 199.00000ml of WP113836 = Final Quantity: 200.000 ml

Q2747-GENCHEM 36 of 67



Reci		NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarych
337	Cyanide LCS Spike Solution, 5PPM	<u>WP113838</u>	07/08/2025	12/24/2025	Rubina Mughal	None	WETCHEM_F IPETTE_3	07/08/2025
FRC	0M 1.00000ml of W3224 + 199.00000ml	of WP1138	36 = Final Qເ	antity: 200.000	0 ml		(WC)	

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipettelD</u>	Supervised By Iwona Zarych
3456	Cyanide Intermediate Working Std, 5PPM	<u>WP114164</u>	08/05/2025	08/06/2025	Rubina Mughal	None	WETCHEM_P IPETTE_3 (WC)	08/06/2025

FROM 0.25000ml of W3214 + 49.75000ml of WP113836 = Final Quantity: 50.000 ml

Q2747-GENCHEM 37 of 67



Recipe				Expiration	<u>Prepared</u>			Supervised By
<u>ID</u>	<u>NAME</u>	<u>NO.</u>	Prep Date	<u>Date</u>	<u>By</u>	<u>ScaleID</u>	<u>PipetteID</u>	Iwona Zarych
4	Calibation standard 500 ppb	WP114165	08/05/2025	08/06/2025	Rubina Mughal	None	WETCHEM_F	•
							IPETTE_3	08/06/2025
FROM	45.00000ml of WP113836 + 5.00000	ml of WP11	1164 = Final	Quantity: 50 00	00 ml		(VVC)	

Recipe ID	<u>NAME</u>	<u>NO.</u>	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipettelD</u>	Supervised By Iwona Zarych
3761	Calibration-CCV CN Standard 250 ppb	<u>WP114166</u>	08/05/2025	08/06/2025	Rubina Mughal	None	WETCHEM_P IPETTE_3	08/06/2025

**FROM** 2.50000ml of WP114164 + 47.50000ml of WP113836 = Final Quantity: 50.000 ml

Q2747-GENCHEM 38 of 67



Recipe				Expiration	Prepared			Supervised By
<u>ID</u>	<u>NAME</u>	NO.	Prep Date	<u>Date</u>	Ву	<u>ScaleID</u>	<u>PipetteID</u>	Iwona Zarych
6	Calibration Standard 100 ppb	<u>WP114167</u>	08/05/2025	08/06/2025	Rubina Mughal	None	WETCHEM_P IPETTE_3	08/06/2025
FROM	1.00000ml of WP114164 + 49.00000	ml of WP11;	3836 = Final	Quantity: 50.00	00 ml		(WC)	

FROM	1.00000ml of WP114164 + 49.00000ml of WP113836 = Final Quantity: 50.000 ml	

Recipe				Expiration	<u>Prepared</u>			Supervised By
<u>ID</u>	NAME	NO.	Prep Date	<u>Date</u>	By	<u>ScaleID</u>	<u>PipetteID</u>	Iwona Zarych
7	Calibration Standard 50 ppb	WP114168	08/05/2025	08/06/2025	Rubina Mughal	None	WETCHEM_F	
							IPETTE_3	08/06/2025
		•					(WC)	

0.50000 ml of WP114164 + 49.50000 ml of WP113836 = Final Quantity: 50.000 ml **FROM** 

Q2747-GENCHEM 39 of 67



Recipe				Expiration	Prepared			Supervised By	
<u>ID</u>	<u>NAME</u>	NO.	Prep Date	<u>Date</u>	Ву	<u>ScaleID</u>	<u>PipetteID</u>	Iwona Zarych	
8	Calibration Standard 10 ppb	WP114169	08/05/2025	08/06/2025	Rubina Mughal	None	WETCHEM_F		
							IPETTE_3	08/06/2025	
FROM	1.00000ml of WP114165 + 49.00000ml of WP113836 = Final Quantity: 50.000 ml								

Recipe ID	<u>NAME</u>	<u>NO.</u>	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarvch
9	Calibration Standard 5 ppb	<u>WP114170</u>	08/05/2025	08/06/2025	Rubina Mughal	None	WETCHEM_F IPETTE_3	, .

FROM 0.50000ml of WP114165 + 49.50000ml of WP113836 = Final Quantity: 50.000 ml

Q2747-GENCHEM **40 of 67** 



Recipe				Expiration	<u>Prepared</u>			Supervised By
<u>ID</u>	NAME	<u>NO.</u>	Prep Date	<u>Date</u>	<u>By</u>	<u>ScaleID</u>	<u>PipetteID</u>	Iwona Zarych
167	0 ppb CN calibration std	WP114171	08/05/2025	08/06/2025	Rubina Mughal	None	None	•
								08/06/2025
FROM	50.00000ml of WP113836 = Final Q	uantitv: 50.0	00 ml					

Recipe ID	<u>NAME</u>	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarych
1582	Chloramine T solution, 0.014M	WP114173	08/05/2025	08/06/2025	Rubina Mughal	_		
						CALE_5 (WC	Pipette-A	08/06/2025

FROM 0.08000gram of W3139 + 20.00000ml of W3112 = Final Quantity: 20.000 ml

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## **CHEMICAL RECEIPT LOG BOOK**

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	23D2462010	03/20/2028	08/16/2024 / mohan	08/16/2024 / mohan	M6041
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	22G2862015	07/17/2025	02/18/2025 / Sagar	01/15/2025 / Sagar	M6151
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J3818-5 / SODIUM PHOSPHATE, MONOBAS/HYD, CRYS, ACS, 2.5 KG	0000225799	12/03/2025	04/05/2021 / Alexander	02/10/2020 / apatel	W2668
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	/ ICV-CN	ICV6-400	12/31/2025	01/08/2025 / lwona	02/20/2020 / Iwona	W3012
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
SIGMA ALDRICH	270970-1L / Pyridine 1L	SHBQ2113	04/03/2028	04/03/2023 / Iwona	04/03/2023 / Iwona	W3019
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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## **CHEMICAL RECEIPT LOG BOOK**

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-7 / Sodium Hydroxide Pellets 12 Kg	23B1556310	12/31/2025	07/08/2024 / Iwona	07/08/2024 / Iwona	W3113
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	JTE494-6 / CHLORAMINE-T BAKER 250GM	10239484	09/09/2029	09/09/2024 / Iwona	09/09/2024 / Iwona	W3139
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	01237-10KG / Megnasium Chloride Hexahydrate ACS 10KG	002126-2019-201	11/25/2029	11/25/2024 / Iwona	11/25/2024 / Iwona	W3152
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	EM-BX0035-3 / Barbituric Acid, 100 gms	WXBF3271V	05/16/2029	04/21/2025 / Iwona	04/21/2025 / Iwona	W3203
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	RC2543-4 / CYANIDE STD 1000PPM 4OZ	1505H73	11/30/2025	05/21/2025 / Iwona	05/21/2025 / Iwona	W3214
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date /	Chemtech Lot #
PCI Scientific Supply, Inc.	LC135457 / Cyanide Standard, 1000 PPM, Second Source	45060288	12/24/2025	07/07/2025 / Iwona	07/07/2025 / Iwona	W3224

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W3019 Rec 4/3/23

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

**Product Name:** 

**Certificate of Analysis** 

Pyridine - anhydrous, 99.8%

**Product Number:** 

270970

**Batch Number:** 

SHBQ2113

Brand:

SIAL

CAS Number:

110-86-1

MDL Number:

MFCD00011732

Formula:

C5H5N

Formula Weight:

79.10 g/mol

Quality Release Date:

15 DEC 2022



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
nfrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	> 99.75 %	99.99 %
Vater (by Karl Fischer)	- < 0.003 %	0.002 %
Residue on Evaporation	< 0.0005 %	< 0.0001 %

Larry Coers, Director **Quality Control** 

Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.





### QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY "An ISO 9001:2015 Certified Program"

Instructions for QATS Reference Material: Inorganic ICV Solutions

# QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

**NOTE:** These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

**APPLICATION:** For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with

the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions HAZARDOUS MATERIAL

> Safety Data Sheets Available Upon Request

W2160, W2161, W2162, W2163, W2164 Receive by AP on 9/2/2016

### (A) SAMPLE DESCRIPTION

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.

#### (B) BREAKAGE OR MISSING ITEMS

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

#### (C) ANALYSIS OF SAMPLES

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in  $\mu$ g/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric

acid.

Page 1 of 2

QATS Form 20-007F188R00, 04-19-2021





RMs ICV 1, 5, 6 SFAM.docx

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.

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# QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY "An ISO 9001:2015 Certified Program"

#### Instructions for QATS Reference Material: Inorganic ICV Solutions

ICV1-1014

<u>For ICP-MS analysis</u>, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415

For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> and 5% (v/v) nitric acid.

ICV6-0400

RMs ICV 1, 5, 6 SFAM.docx

For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from K<sub>3</sub>Fe(CN)<sub>6</sub>, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

#### (D) CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS

	ICV1-1014			
Element	Concentration (µg/L) (after 10-fold dilution)	Concentration (µg/L) (after 50-fold dilution)		
Al	2500	500		
Sb	1000	200		
As	1000	200		
Ва	520	100		
Be	510	100		
Cd	510	100		
Ca	10000	2000		
Cr	520	100		
Со	520	100		
Cu	510	100		
Fe	10000	2000		
Pb	1000	200		
Mg	6000	1200		
Mn	520	100		
Ni	530	110		
K	9900	2000		
Se	1000	200		
Ag	250	50		
Na	10000	2000		
TI	1000	210		
V	500	100		
Zn	1000	200		

ICV5-0415		ICV6-0400	
Element Concentration (μg/L) (after 100-fold dilution)		Analyte	Concentration (µg/L) (after 100-fold dilution)
Hg	4.0	CN <sup>-</sup>	99

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QATS Form 20-007F188R00, 04-19-2021

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Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium





Material No.: 9673-33 Batch No.: 23D2462010

Manufactured Date: 2023-03-22

Retest Date: 2028-03-20 Revision No.: 0

## Certificate of Analysis

Test	Specification	Result
ACS – Assay (H <sub>2</sub> SO <sub>4</sub> )	95.0 - 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO2)	≤ 2 ppm	< 2 ppm
Ammonium (NH <sub>4</sub> )	≤ 1 ppm	1 ppm
Chloride (CI)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO <sub>3</sub> )	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO <sub>4</sub> )	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities – Aluminum (AI)	≤ 30.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities – Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities – Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities – Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Frace Impurities – Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Frace Impurities – Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Frace Impurities – Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
race Impurities – Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
race Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
race Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
race Impurities – Nickel (Ni)	≤ 2.0 ppb	0.3 ppb
race Impurities – Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
race Impurities – Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
race Impurities – Silicon (Si)	≤ 100.0 ppb	31.5 ppb
race Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium





Material No.: 9673-33 Batch No.: 23D2462010

Test	Coocification	D 1
	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	5.4 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.4 ppb

For Laboratory, Research, or Manufacturing Use

Country of Origin: USA

Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality

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M 6151

R-> 1/15/25

Material No.: 9530-33

Batch No.: 22G2862015 Manufactured Date: 2022-06-15

Retest Date: 2027-06-14

Revision No.: 0

# Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCI) (by acid-base titrn)	36.5 - 38.0 %	
ACS - Color (APHA)	≤ 10	37.9 %
ACS – Residue after Ignition	≤ 3 ppm	5
ACS - Specific Gravity at 60°/60°F	1.185 – 1.192	< 1 ppm
ACS – Bromide (Br)	≤ 0.005 %	1.191
ACS – Extractable Organic Substances	≤ 5 ppm	< 0.005 %
ACS - Free Chlorine (as Cl <sub>2</sub> )	≤ 0.5 ppm	< 1 ppm
Phosphate (PO <sub>4</sub> )		< 0.5 ppm
Sulfate (SO <sub>4</sub> )	≤ 0.05 ppm	< 0.03 ppm
Sulfite (SO <sub>3</sub> )	≤ 0.5 ppm	< 0.3 ppm
Ammonium (NH <sub>4</sub> )	≤ 0.8 ppm	0.3 ppm
Trace Impurities - Arsenic (As)	≤ 3 ppm	< 1 ppm
Trace Impurities - Aluminum (AI)	≤ 0.010 ppm	< 0.003 ppm
Arsenic and Antimony (as As)	≤ 10.0 ppb	1.3 ppb
Trace Impurities – Barium (Ba)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Bismuth (Bi)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Calcium (Ca)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Chromium (Cr)	≤ 50.0 ppb	163.0 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	0.7 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.3 ppb
Frace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Frace Impurities – Garmanium (Ga)	≤ 1.0 ppb	< 0.2 ppb
race Impurities – Germanium (Ge)  Frace Impurities – Gold (Au)	≤ 3.0 ppb	< 2.0 ppb
leavy Metals (as Pb)	≤ 4.0 ppb	0.6 ppb
race Impurities – Iron (Fe)	≤ 100 ppb	< 50 ppb
race impairties – Iron (Fe)	≤ 15 ppb	6 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5-38.0% BAKER INSTRA-ANALYZED® Reagent For Trace Metal Analysis





Material No.: 9530-33 Batch No.: 22G2862015

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.5 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.9 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 3.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	< 0.3 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	0.8 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.3 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	1.6 ppb
Trace Impurities – Thallium (TI)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	4.0 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	1.5 ppb
Frace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Frace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.8 ppb
Frace Impurities – Zirconium (Zr)	≤ 1.0 ppb	0.3 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0% BAKER INSTRA-ANALYZED® Reagent For Trace Metal Analysis





Material No.: 9530-33 Batch No.: 22G2862015

Test Specification Result

For Laboratory, Research, or Manufacturing Use Product Information (not specifications): Appearance (clear, furning liquid) Meets ACS Specifications Storage Condition: Store below 25 °C.

Country of Origin: USA

Packaging Site: Phillipsburg Mfg Ctr & DC



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Sodium Phosphate, Monobasic, Monohydrate, Crystal BAKER ANALYZED® A.C.S. Reagent



(sodium dihydrogen phosphate, monohydrate)

Material No.: 3818-05 Batch No.: 0000225799

Manufactured Date: 2018/12/05 Retest Date: 2025/12/03

Revision No: 1

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Specification	Result
98.0 - 102.0 %	99.5
4.1 - 4.5	4.3
<= 0.01 %	< 0.01
<= 5 ppm	< 5
<= 0.003 %	< 0.003
<= 0.005 %	<0.005
<= 0.01 %	< 0.01
<= 0.001 %	< 0.001
<= 0.001 %	< 0.001
	98.0 - 102.0 %  4.1 - 4.5  <= 0.01 %  <= 5 ppm  <= 0.003 %  <= 0.005 %  <= 0.01 %  <= 0.01 %

For Laboratory, Research or Manufacturing Use Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: IN

Packaging Site: Paris Mfg Ctr & DC



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12/14/2022

12/31/2025

## **Sodium Hydroxide (Pellets)**

Material: 0583

Grade: ACS GRADE Batch Number: 23B1556310

Chemical Formula: NaOH Molecular Weight: 40

CAS #: 1310-73-2

Appearance: Storage: Room Temperature

Pellets

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	<= 0.005 %	<0.005 %	PASS
Chloride	<= 0.005 %	0.002 %	PASS
Heavy Metals	<= 0.002 %	<0.002 %	PASS
Iron	<= 0.001 %	<0.001 %	PASS
Magnesium	<= 0.002 %	<0.002 %	PASS
Mercury	<= 0.1 ppm	<0.1 ppm	PASS
Nickel	<= 0.001 %	<0.001 %	PASS
Nitrogen Compounds	<= 0.001 %	<0.001 %	PASS
Phosphate	<= 0.001 %	<0.001 %	PASS
Potassium	<= 0.02 %	<0.02 %	PASS
Purity	>= 97.0 %	99.2 %	PASS
Sodium Carbonate	<= 1.0 %	0.5 %	PASS
Sulfate	<= 0.003 %	<0.003 %	PASS

Manufacture Date:

**Expiration Date:** 

Internal ID #: 710

#### Signature Additional Information

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC.

28600 Fountain Parkway, Solon OH 44139 USA

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

VWR International LLC, Radnor Corporate Center, Suite 200, 100 Matsonford Road, Radnor, PA 19087, USA

Date Printed: 02/15/2023

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12/14/2022

12/31/2025

Room Temperature

Manufacture Date:

**Expiration Date:** 

Storage:

## **Sodium Hydroxide (Pellets)**

Material: 0583

Grade: ACS GRADE Batch Number: 23B1556310

Chemical Formula: NaOH Molecular Weight: 40

CAS #: 1310-73-2

Appearance:

Pellets

Spec Set: 0583ACS

Internal ID #: 710

Signature Additional Information

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

VWR International LLC, Radnor Corporate Center, Suite 200, 100 Matsonford Road, Radnor, PA 19087, USA

Date Printed:

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02/15/2023

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W3139 Received on 9/9/24 by IZ

Product No.: A12044

Product: Chloramine-T trihydrate, 98%

Lot No.: 10239484

Appearance: White powder Melting Point: 166°C(dec)
Assay (Iodometric titration): 100.5% Identification (FTIR): Conforms

Order our products online thermofisher.com/chemicals

This document has been electronically generated and does not require a signature.

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

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# Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

825 Dillon Drive

Shipping and Correspondence: Manufacturing site:

Wood Dale, IL 60191 Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 01237

935 Dillon Drive

**Lot Number** 002126-2019-201

Product Magnesium chloride hexahydrate

Magnesium chloride•6H<sub>2</sub>O

CAS Number 7791-18-6 Molecular Formula MgCl₂•6H₂O

Molecular Weight 203.3

**Appearance** White crystals

**Solubility** 167 g in 100 mL water

Melting Point $\sim 115$  °CHeavy Metals4.393 ppm

**Anion** Nitrate  $(NO_3)$ : < 0.001%

 $\begin{aligned} & Phosphate \; (PO_4): < 5 \; ppm \\ & Sulfate \; (SO_4): \; < 0.002\% \end{aligned}$ 

Cation Ammonium (NH<sub>4</sub>) : < 0.002%

Barium (Ba) : 0.005% Calcium (Ca) : 0.01% Iron (Fe) : 4.5 ppm

Manganese (Mn): 0.624 ppm Potassium (K): 0.004% Sodium (Na): 0.000003% Strontium (Sr): 0.005%

Insoluble material0.0021%Assay by titration100.83%GradeACS reagentStorageStore at RT

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Page 1 of 2

Catalog Number: 01237 Lot Number: 002126-2019-201

**Remarks** 

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

**Bala Kumar** 

**Quality Control Manager** 

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3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com techserv@sial.com Email USA:

Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Barbituric acid - ReagentPlus®, 99%

Product Name:

**Product Number:** 185698 Batch Number: WXBF3271V

Brand: SIAL CAS Number: 67-52-7 Formula: C4H4N2O3 Formula Weight: 128,09 g/mol Quality Release Date: 16 MAY 2024

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Test	Specification	Result	
Appearance (Colour)	White to Off-White	White	
Appearance (Form)	Pow der	Pow der	
Infrared spectrum	Conforms to Structure	Conforms	
Purity (Titration by NaOH)	98.5 - 101.5 %	100.4 %	
GC (area %)	> 98 %	100 %	
VPCT	_		



Kang Chen Quality Manager Wuxi, China CN

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Version Number: 1

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448 West Fork Dr Arlington, TX 76012 http://www.riccachemical.com 1-888-GO-RICCA

customerservice@riccachemical.com

## Certificate of Analysis

Cyanide Standard, 1000 ppm CN

Lot Number: 1505H73 Product Number: 2543

Manufacture Date: MAY 08, 2025

Expiration Date: NOV 2025

This standard is prepared using accurate volumetric techniques from material that has been assayed against Silver Nitrate solution certified traceable to NIST Standard Reference Material 999. The certified value reported is the prepared value based upon the method of preparation of the material. The uncertainty in the prepared value is the combined uncertainty based on the stability of the assayed Potassium Cyanide, and the uncertainty in the mass and volume measurements.

Use 0.16% (w/v) (0.04 N) Sodium Hydroxide or 0.225% (w/v) (0.04 N) Potassium Hydroxide to make dilutions of this standard. Restandardize weekly if extreme accuracy is required.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Cyanide	151-50-8	ACS
Sodium Hydroxide	1310-73-2	Reagent (from ACS)

Test	Specification	Result
Appearance	Colorless liquid	Passed
Cyanide (CN)	995-1005 ppm	1000 ppm

Specification	Reference	
Stock Standard Cyanide Solution	APHA (4500-CN- F)	
Stock Cyanide Solution	APHA (4500-CN- E)	
Stock Cyanide Solution	APHA (4500-CN- K)	
Stock Cyanide Solution	APHA (4500-CN- H)	
Cyanide Reference Solution (1000 mg/L)	EPA (SW-846) (7.3.3.2)	
Cyanide Calibration Stock Solution (1,000 mg/L CN-)	EPA (SW-846) (9213)	
Stock Cyanide Solution	EPA (335.3)	
Stock Cyanide Solution	EPA (335.2)	
Cyanide Solution Stock	ASTM (D 4282)	
Simple Cyanide Solution, Stock (1.0 g/L CN)	ASTM (D 4374)	

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
2543-16	500 mL amber poly	6 months
2543-32	1 L amber poly	6 months
2543-4	120 mL amber poly	6 months

Recommended Storage: 2°C - 8°C (36°F - 46°F)

Version: 1.3 Lot Number: 1505H73 Product Number: 2543 Page 1 of 2

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Ernest Mahan (05/08/2025)

Plant Manager

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.

Version: 1.3 Lot Number: 1505H73 Product Number: 2543 Page 2 of 2

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#### Part of TCP Analytical Group

Jackson's Pointe Commerce Park- Building 1000 1010 Jackson's Pointe Court, Zelienople, PA 16063

## **Certificate of Analysis**

#### Cyanide Standard 1000 ppm (1ml = 1mg CN)

Product Code: LC13545 Manufacture Date: June 25, 2025

Lot Number: 45060288 Expiration Date: December 24, 2025

Test	Specification	Result	
Appearance (clarity)	clear solution	clear solution	
Appearance (color)	colorless	colorless	
Concentration (CN)	0.990 - 1.010mg/mL	1.000mg/mL	
Concentration (CN)	990 - 1,010ppm	1,000ppm	
Traceable to NIST SRM	Report	999b	

**Intended Use** - Product is intended for use in manufacturing procedures and laboratory procedures and protocols.

**Storage Information** - Unless noted on the product label, store the product under normal lab conditions in its tightly closed, original container. Do not pipet directly from the container or return unused portions to the container.

**Instructions for Handling and Use -** Please refer to the associated product label and Safety Data Sheet (SDS) for information regarding safety and handling of this product.

**Preparation -** All products are manufactured and tested according to established, documented procedures and methodology. Production documentation records manufacturing data, raw material traceability and testing history on a per lot basis. Balances, thermometers, and glassware are calibrated before first use and on a regular schedule with references traceable to NIST

\*The suffix of the product code may differ from what is on your product label. The suffix will designate the size and be associated with a numeric digit(s). Visit LabChem.com for more information\*

S	uffix	1	2	3/3S/36/36S	4/4C	5	6	7	8	9	20	44	200	246	486
Si	ize	500mL or g	1L or 1kg	2.5L/2.5L Coated/6x2.5L/6x2.5L Coated	4L	20L	10L	125mL	25g	100g	20x20mL	4x4L	200L	24x6mL	48x6mL



Q2747-GENCHEM

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ISO9001:2015 Registration #0306-01



#### PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh

**Date:** 8/4/2025

OVENTEMP IN Celsius(°C): 106

OVENTEMP OUT Celsius(°C): 104

Time IN: 16:15 Time OUT: 08:14

 In Date:
 08/01/2025

 Weight Check 1.0g:
 1.00

 Weight Check 10g:
 10.00

 Weight Check 10g:
 10.00

OvenID: M OVEN#1 BalanceID: M SC-4 Thermometer ID: % SOLID-OVEN

**QC:**LB136681

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g)(B)	Dish+Dry Sample Wt(g)(C)	% Solid	Comments
Q2744-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2744-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2744-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2744-10	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2744-11	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2744-12	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2747-01	OU4-TS-GRILLO-OG2-0731 25	7	1.17	10.04	11.21	8.77	75.7	
Q2747-03	OU4-TS-GRILLO-OG3-0731 25	8	1.16	10.28	11.44	9.14	77.6	
Q2747-05	OU4-TS-GRILLO-OG4-0731 25	9	1.17	10.36	11.53	9.51	80.5	
Q2747-07	OU4-TS-GRILLO-TSCP01-0 73125	10	1.16	10.07	11.23	7.85	66.4	
Q2747-09	OU4-TS-GRILLO-TSCP02-0 73125	11	1.18	10.08	11.26	7.6	63.7	
Q2753-01	289	12	1.17	10.62	11.79	10.99	92.5	
Q2754-01	OILY-RAGS	13	1.00	1.00	2.00	2.00	100.0	oily-rags
Q2755-01	80125-A	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2755-02	80125-B	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

% Solid =  $\frac{(C-A) * 100}{(B-A)}$ 

Q2747-GENCHEM 62 of 67

WORKLIST(Hardcopy Internal Chain)

18998187

Date: 08-01-2025 15:30:29 Department: Wet-Chemistry **WorkList ID**: 191065 % SOLID-080125 Sample Sample

Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2026           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage	Collect Date	Method
Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025						Location		
Percent Solids         Cool 4 deg C         CHEMO2         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEMO2         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEMO2         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEMO2         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEMO2         B61         07/25/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025		Solid	Percent Solids	Cool 4 dea C	CONTINU			
Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025		Solid	Percent Solide		CITEMUZ	B61	07/25/2025	Chemtech -So
Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	PEST-GPC-BLANK-SPIKE	Zilov.	Elico trooped	C001 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025			Spilos ilicalis	Cool 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	8	₽	Percent Solids	Cool 4 deg C	CHEM02	B61	7000130170	
Percent Solids         Cool 4 deg C         CHEM02         B61         07/25/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         032         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	Solid	g	Percent Solids	Cool 4 dog C		3	07/25/2025	Chemtech -SO
Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	PEST-GPC2-BLANK-SPIKE Solid	<u>_</u>	Percent Solids	Cool + deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	OU4-TS-GRILLO-OG2-073125 Solid	-	Control of the Contro	Coul 4 deg C	CHEM02	B61	07/25/2025	Chemtech -SO
Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	1	-1	spilos illania	Cool 4 deg C	NOBI03	032	07/31/2025	Chemtech -SO
Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	COAT-13-GRILLO-UG3-U/3125 Solid	- 1	Percent Solids	Cool 4 deg C	NOBI03	032	7000116170	
Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         NOBI03         O32         07/31/2025           Percent Solids         Cool 4 deg C         PSEG01         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	OU4-TS-GRILLO-0G4-073125 Solid		Percent Solids	Cool A dea C			6202/16/70	Chemtech -SO
Cool 4 deg C         NOBI03         O32         07/31/2025           Cool 4 deg C         NOBI03         O32         07/31/2025           Cool 4 deg C         PSEG01         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025	OU4-TS-GRILLO-TSCP01-0731 Solid	1	Percent Colide	O fian t 1000	NOBI03	032	07/31/2025	Chemtech -SO
Cool 4 deg C         NOBI03         O32         07/31/2025           Cool 4 deg C         PSEG01         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025	1		Spilos libros	Cool 4 deg C	NOBI03	032	07/31/2025	Chemtech -So
Cool 4 deg C         PSEG01         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025           Cool 4 deg C         PSEG03         D41         08/01/2025	DIIDO I CADE	- 1	Percent Solids	Cool 4 deg C	NOBI03	032	07/31/2025	Chombook
Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	Solid		Percent Solids	Cool 4 dea C	200100		2070	Oc- upalilled
Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025	Solid	1	Percent Colida		raeGU1	D41	08/01/2025	Chemtech -SO
Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025           Percent Solids         Cool 4 deg C         PSEG03         D41         08/01/2025		.	Spilos illas	Cool 4 deg C	PSEG03	D41	08/01/2025	Chomtook Co
Percent Solids Cool 4 deg C PSEG03 D41	Solid	70	Percent Solids	Cool 4 den C	000000			Olemen - O
Cool 4 deg C PSEG03 D41	Solid	-	Dercont Collida		135603	D41	08/01/2025	Chemtech -SO
	5	,	r dicelli solids	Cool 4 deg C	PSEG03	D41	08/01/2025	Chemtech -So

Raw Sample Received by: Date/Time

Raw Sample Relinquished by:









Date/Time

Raw Sample Relinquished by: Raw Sample Received by:



# SHIPPING DOCUMENTS

1

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4

6

9

11

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Q2747-GENCHEM 64 of 67

Chemtech	Fax: (908) 789-8922						OF CUSTO	DY RECO		East Lo	uce Street ongmeadow Is Samples	, MA 010		7 381 1		_01708		REQ	LIFST	FD			Page1 of1
284 Sheffield Street, Mount	_ ` ·			5-Day	quested Turna	10-Day		0		ield Filt			M/O	Т		1		T	1	-			2
Company Name:	m	Nobis Group		PFAS 10-Day		Due Date		0		Lab to Fi			7417 0	i i	H.	÷	+-	<u> </u>	-	<u> </u>	-	-	<sup>2</sup> Preservation Code
Address:	55 Techr	nology Dr Suite 101, Lowell, M	A 01851	-	Rush-Approval	_					te Samples	_											Total November Of
Phone:	33 (CCIII	978-703-6014	. 01031	1-Day		3-Day		0		Field Filte							1					- 1	Total Number Of:
		Raymark		The Contract of		-		Ĭŏ		Lab to Fi									0		6020	- 1	
Project Name:		Stratford, CT		2-Day	ш	4-Day			_	Lab to Fi	iter	_							6010		13	- 1	VIALS
Project Location:					222 [7]		Data Del	ivery	_	CD O	JI V								9				GLASS
Project Number:		95700		Format:	PDF 🗸	OF Z EXCEL Z		_	<u>P</u>	CB ON	NLY								훈		Metals	- 1	PLASTIC
Project Manager:		Adam Roy		Other:				SOXHLET								工		l et l	- 1	BACTERIA			
Con-Test Quote Name/Number	<u> </u>			-1	ta Pkg Required		No					'				S	l s		+		Ž	- 1	ENCORE
Invoice Recipient:				Email To:	aroy@nobis	s-group.	.com	NON S	SOXHL	FT		1 I	VOCs	N		ğ	용		<u> </u>	l o	ᆼ		
Sampled By:		S. Ryther		Fax To #:									$\geq$	멸	l vs	님	<u>.</u>	L/A	SE	널	~		Glassware in the fridge?
Con-Test Work Order#	Client Si	ample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	<sup>1</sup> Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	RCP.	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals I	Cyanide	SPLP RCP		Y/N
	OU4-TS-G	RILLO-OG2-073125	7/31/25	0:50	С	SO		3	2	1			Х	Х	Х	Х	х	Х		Х	Х		Glassware in freezer? Y / N
	OU4-TS-G	RILLO-OG3-073125	7/31/25	10:55	С	SO		3	2	1			Х	Х	Х	Х	Х	Х		Х	Х		Prepackaged Cooler? Y / N
	OU4-TS-G	RILLO-OG4-073125	7/31/25	[[: 00	С	so		3	2	1			Х	Х	Х	Х	X	X		Х	x		*Contest is not responsible for
	OU4-TS-GR	ILLO-TSCP01-073125	7/31/25	it: 05	С	so		3	2	1			Х	Х	Х	Х	Х	Х		Х	х		missing samples from prepacked coolers
	OU4-TS-GR	ILLO-TSCP02-073125	7/31/25	11:10	С	so		3	2	1			х	Х	Х	Х	Х	Х		Х	Х		<sup>1</sup> Matrix Codes:
																							GW = Ground Water
								_			-	-		_	_	_					-	-	WW = Waste Water DW = Drinking Water
																							A = Air
																							S = Soil
													$\neg$		_	-					-	$\neg$	SL = Sludge SOL = Solid
														_							_	_	O = Other (please
																							define)
																						$\neg$	-
Relinguished by: (signature)		Date/Time: 73:00	Client Comme	nts:													L					$\exists$	<sup>2</sup> Preservation Codes: I = Iced
Received by: (signature)		Date/Time:																					H = HCL
Relinquished by: (signature)		Date/Time:	Datastis	n Limit Requi									_									_	M = Methanol
netificulation by, (signature)	Ex	8-1-25 1005	MA	n Limit Requi	rements			51	pecial Re	quireme	ents	MA MCP	Don	market 1	Plea	ase us	e the	follow	dne co	des to	indica	te	M - Wedianot
Received by: (signature)	1	Date/Time:	MA								NCD C												N = Nitric Acid
Received by. (signature)	1	8-1-Z5 1005				[2]				MCP Certification Form Required					Conc Code column above							S = Sulfuric Acid	
Relinquished by: (signature)	$\overline{}$	Date/Time:	СТ			1					RCP Certific			Required H - High; M - Medium; L - Low; C - Clean;						, u	5 - Satiante Acia		
incliniquistied by. (signature)		bucco rime.									RCF CEITIIC	ation ror	III Keq	uirea				Unkr	nown				B = Sodium Bisulfate
Received by: (signature)		Date/Time:				П					MA	State DW	Rogui	ired	-	_	_	-		_		-	X = Sodium Hydroxide
, (2.3			Other:	1		PWSID #					1715	JULIUL DVI	requi	,,,,,	142	DY ACT	and a	HEE-LA	ADC EX	Ther	Carlon Co.		
Relinquished by: (signature)		Date/Time:	Project Entity			1 44315 #								_		CLASS.		Other		-			T = Sodium
, (5,5,1,2,2,5,		bacer ranes	1 Toject Enerty	Government		Municipal	lity			MWRA			WR	TΛ				Other	_	Chrom	natogra	_	Thiosulfate
Received by: (signature)		Date/Time:		Federal	H	21 J	ury			School			771	.IA	ш						iacogra LAP,LL		O = Other (please
				City		Brownfiel	ld	H		MBTA									Ш	AIITA-	.⊶,LL	۲	define)
Lab Comments:				city		DIOWINIC										-				_	-	_	
Z.Z.C										Chai	n of Custo what analy	dy is a l ses the	egal labo est va	docu rator alues	ment y wil your	that I perf partr	must form. nersh	be co Any ip on	omple missi each	ete an ng inf proje	d accu ormat	irate ion is will	the Chain of Custody. The and is used to determine not the laboratory's try to assist with missing



## Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148 **Q2747-GENCHEM** 



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

Fax: 908 789 8922

#### LOGIN REPORT/SAMPLE TRANSFER

Order ID: Q2747

NOBI03

Order Date: 8/1/2025 10:40:00 AM

Project Mgr:

Client Name: Nobis Group

Project Name: Raymark Superfund Site

Report Type: Level 4

Client Contact: Adam Roy

Receive DateTime: 8/1/2025 10:05:00 AM

**EDD Type:** EQUIS

Invoice Name: Nobis Group

Invoice Contact: Adam Roy

Purchase Order:

Hard Copy Date:

Date Signoff:

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q2747-01	OU4-TS-GRILLO-OG2-073125	Solid	07/31/2025	10:50						
					VOCMS Group3		8260D	5 Bus. Days		
Q2747-03	OU4-TS-GRILLO-OG3-073125	Solid	07/31/2025	10:55						
					VOCMS Group3		8260D	5 Bus. Days		
Q2747-05	OU4-TS-GRILLO-OG4-073125	Solid	07/31/2025	11:00						
					VOCMS Group3		8260D	5 Bus. Days		
Q2747-07	OU4-TS-GRILLO-TSCP01-073125	Solid	07/31/2025	11:05						
					VOCMS Group3		8260D	5 Bus. Days		
Q2747-09	OU4-TS-GRILLO-TSCP02-073125	Solid	07/31/2025	11:10						
					VOCMS Group3		8260D	5 Bus. Days		

Relinguished By:

Date / Time : 8

Storage Area: VOA Refridgerator Room

25 H 6 F7 Z