

## **DATA PACKAGE**

GENERAL CHEMISTRY

**PROJECT NAME : PO 25061955**

**ATG - AKRON LAB**

**3310 Win Street**

**Cuyahoga Falls, OH - 44223**

**Phone No: 614-582-4966**

**ORDER ID : Q2498**

**ATTENTION : Jennifer Woolf**



**Laboratory Certification ID # 20012**



1) Signature Page	3
2) Case Narrative	4
2.1) Genchem- Case Narrative	4
3) Qualifier Page	5
4) QA Checklist	6
5) Genchem Data	7
6) Shipping Document	12
6.1) CHAIN OF CUSTODY	13
6.2) Lab Certificate	14

1

2

3

4

5

6

## Cover Page

**Order ID :** Q2498

**Project ID :** PO 25061955

**Client :** ATG - AKRON LAB

### Lab Sample Number

Q2498-01  
Q2498-02  
Q2498-03

### Client Sample Number

NE Bd bed foam  
NE Bd pillow foa  
Master bed NE m

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 : \_\_\_\_\_

Date: 7/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

## **CASE NARRATIVE**

### **ATG - AKRON LAB**

**Project Name: PO 25061955**

**Project # N/A**

**Order ID # Q2498**

**Test Name: Cyanide**

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

3 Solid samples were received on 07/02/2025.

#### **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 samples except for Master bed NE m of Cyanide, for NE Bd bed foam of Cyanide, for NE Bd pillow foa of Cyanide as samples were analyzed out of holding time.

The Blank Spike met requirements for all parameters.

The Duplicate analysis met criteria for all parameters.

The Matrix Spike analysis met criteria for all parameters.

The Matrix Spike Duplicate analysis met criteria for all parameters.

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

The Calibration met the requirements.

#### **E. Additional Comments:**

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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.

Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

<b>J</b>	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).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected
<b>E</b>	Indicates the reported value is estimated because of the presence of interference
<b>M</b>	Indicates Duplicate injection precision not met.
<b>N</b>	Indicates the spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates that the duplicate analysis is not within control limits.
<b>+</b>	Indicates the correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	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
<b>OR</b>	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>Q</b>	Indicates the LCS did not meet the control limits requirements
<b>H</b>	Sample Analysis Out Of Hold Time

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q2498

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)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MOHAMMAD AHMED

Date: 07/10/2025



# SAMPLE DATA

## Report of Analysis

Client:	ATG - AKRON LAB	Date Collected:	06/20/25 16:00
Project:	PO 25061955	Date Received:	07/02/25
Client Sample ID:	NE Bd bed foam	SDG No.:	Q2498
Lab Sample ID:	Q2498-01	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.071	HJ	1	0.041	0.25	mg/Kg	07/07/25 08:00	07/07/25 12:55	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:	ATG - AKRON LAB	Date Collected:	06/20/25 16:10
Project:	PO 25061955	Date Received:	07/02/25
Client Sample ID:	NE Bd pillow foa	SDG No.:	Q2498
Lab Sample ID:	Q2498-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.066	HJ	1	0.041	0.25	mg/Kg	07/07/25 08:00	07/07/25 12:55	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  
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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:	ATG - AKRON LAB	Date Collected:	06/20/25 16:20
Project:	PO 25061955	Date Received:	07/02/25
Client Sample ID:	Master bed NE m	SDG No.:	Q2498
Lab Sample ID:	Q2498-03	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.067	HJ	1	0.041	0.24	mg/Kg	07/07/25 08:00	07/07/25 12:55	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

## LAB CHRONICLE

<b>OrderID:</b>	Q2498	<b>OrderDate:</b>	7/2/2025 1:59:00 PM
<b>Client:</b>	ATG - AKRON LAB	<b>Project:</b>	PO 25061955
<b>Contact:</b>	Jennifer Woolf	<b>Location:</b>	A61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q2498-01</b>	<b>NE Bd bed foam</b>	<b>SOIL</b>			<b>06/20/25 16:00</b>			<b>07/02/25</b>
			Cyanide	9012B		07/07/25	07/07/25 12:55	
<b>Q2498-02</b>	<b>NE Bd pillow foa</b>	<b>SOIL</b>			<b>06/20/25 16:10</b>			<b>07/02/25</b>
			Cyanide	9012B		07/07/25	07/07/25 12:55	
<b>Q2498-03</b>	<b>Master bed NE m</b>	<b>SOIL</b>			<b>06/20/25 16:20</b>			<b>07/02/25</b>
			Cyanide	9012B		07/07/25	07/07/25 12:55	



# SHIPPING DOCUMENTS



# CHAIN OF CUSTODY RECORD

Omega COCID 3975

PAGE: 1

OF: 1

Q2498

## ADDRESS

Alliance Technical Group - Akron  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211  
FAX: (330) 253-4489  
Website: <http://www.settek.com>

SUB CONTRACTOR: <b>Chemtech NJ</b>		COMPANY: <b>Chemtech</b>		SPECIAL INSTRUCTIONS / COMMENTS: Report to <a href="mailto:salwa.najjar@alliancetg.com">salwa.najjar@alliancetg.com</a> PO 25061955 No certification required  <b>please use client sample ID</b>																																																									
ADDRESS: <b>284 Sheffield St., Ste 1</b>				<table border="1"> <thead> <tr> <th colspan="10">ANALYTICAL PARAMETERS</th> <th rowspan="2">COMMENTS Methanol Preserved Weights HOT Sample Notation Additional Sample Description, etc.</th> </tr> <tr> <th>ITEM #</th> <th>SAMPLE ID</th> <th>Client Sample ID</th> <th>Bottle Type</th> <th>MATRIX</th> <th>DATE COLLECTED</th> <th>NUMBER OF CONTAINERS</th> <th colspan="3"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>25061955-00</td> <td>NE Bd bed foam</td> <td>4 OZ GLASS</td> <td>Solid</td> <td>6/20/2025 4:00:00 PM</td> <td>1</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>25061955-00</td> <td>NE Bd pillow foa</td> <td>4 OZ GLASS</td> <td>Solid</td> <td>6/20/2025 4:10:00 PM</td> <td>1</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>25061955-00</td> <td>Master bed NE m</td> <td>4 OZ GLASS</td> <td>Solid</td> <td>6/20/2025 4:20:00 PM</td> <td>1</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				ANALYTICAL PARAMETERS										COMMENTS Methanol Preserved Weights HOT Sample Notation Additional Sample Description, etc.	ITEM #	SAMPLE ID	Client Sample ID	Bottle Type	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS				1	25061955-00	NE Bd bed foam	4 OZ GLASS	Solid	6/20/2025 4:00:00 PM	1	✓				2	25061955-00	NE Bd pillow foa	4 OZ GLASS	Solid	6/20/2025 4:10:00 PM	1	✓				3	25061955-00	Master bed NE m	4 OZ GLASS	Solid	6/20/2025 4:20:00 PM	1	✓			
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PHONE: <b>(908) 789-8900</b> FAX: EMAIL:																																																													
ACCOUNT #:																																																													

Relinquished By: <i>Salwa Najjar</i>	Date: <b>6/30/2025</b>	Time: <b>3:10 PM</b>	Received By: <i>CL</i>	Date: <b>7/1/25</b>	Time: <b>1025</b>	REPORT TRANSMITTAL DESIRED: <input type="checkbox"/> HARDCOPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	FOR LAB USE ONLY  Temp of samples _____ °C Attempt to Cool ? _____ Comments: _____	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
TAT: Standard <input type="checkbox"/> RUSH <input type="checkbox"/> Next BD <input type="checkbox"/> 2nd BD <input type="checkbox"/> 3rd BD <input type="checkbox"/>						Note: RUSH requests will incur surcharges!	

### 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