

## **DATA PACKAGE**

### **GENERAL CHEMISTRY**

**PROJECT NAME : NEWPCP SLUDGE SCREEN 13923-GE-25**

**AMBRIC TECHNOLOGY CORPORATION**

**100 Pine Street**

**Colwyn, PA - 19023**

**Phone No: 215-928-8930**

**ORDER ID : Q3538**

**ATTENTION : Dan Mulvihill**



**Laboratory Certification ID # 20012**



|                                                      |    |
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## Cover Page

**Order ID :** Q3538

**Project ID :** NEWPCP Sludge Screen 13923-GE-25

**Client :** Ambric Technology Corporation

**Lab Sample Number**

Q3538-01  
Q3538-02

**Client Sample Number**

3899-RICHMOND-STREET-SB1  
3899-RICHMOND-STREET-SB2

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 :

**APPROVED**

By Nimisha Pandya, QA/QC Supervisor at 10:05 am, Nov 13, 2025

Date: 11/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

## **CASE NARRATIVE**

### **Ambric Technology Corporation**

**Project Name:** NEWPCP Sludge Screen 13923-GE-25

**Project #** N/A

**Order ID #** Q3538

**Test Name:** Corrosivity

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

2 Solid samples were received on 11/04/2025.

#### **B. Parameters:**

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

#### **C. Analytical Techniques:**

The analysis of Corrosivity was based on method 9045D.

#### **D. QA/ QC Samples:**

The Holding Times were met for all samples except for 3899-RICHMOND-STREET-SB1 of Corrosivity and for 3899-RICHMOND-STREET-SB2 of Corrosivity as sample were receive out of holding time.

The 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:**

The Date and time of sampling was not listed in the COC.

---

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

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 10:06 am, Nov 13, 2025*

## 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<br>“P” for ICP instrument<br>“PM” for ICP when Microwave Digestion is used<br>“CV” for Manual Cold Vapor AA<br>“AV” for automated Cold Vapor AA<br>“CA” for MIDI-Distillation Spectrophotometric<br>“AS” for Semi -Automated Spectrophotometric<br>“C” for Manual Spectrophotometric<br>“T” for Titrimetric<br>“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                                                                                                                                                                                                                                                                                                                                              |

**GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY**

ORDER ID: Q3538

MATRIX: Solid

METHOD: 9045D

|                                                                                                                                                                                           | NA | NO | YES |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|-----|
| 1. Blank Contamination - If yes, list compounds and concentrations in each blank:                                                                                                         |    | ✓  |     |
| 2. Sample Duplicate Analysis Met QC Criteria                                                                                                                                              |    |    | ✓   |
| If not met, list those compounds and their recoveries which fall outside the acceptable range.                                                                                            |    |    |     |
| 3. Digestion Holding Time Met                                                                                                                                                             |    | ✓  |     |
| If not met, list number of days exceeded for each sample:                                                                                                                                 |    |    |     |
| The Holding Times were met for all samples except for 3899-RICHMOND-STREET-SB1 of Corrosivity and for 3899-RICHMOND-STREET-SB2 of Corrosivity as sample were receive out of holding time. |    |    |     |

ADDITIONAL COMMENTS: The Date and time of sampling was not listed in the COC.

QA REVIEW

REVIEWED

Sohil Jodhani, QA/QC Director , 11/13/2025, 9:16:41 AM

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3538

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: SOHIL JODHANI

Date: 11/06/2025

## LAB CHRONICLE

|                 |                               |                   |                                  |
|-----------------|-------------------------------|-------------------|----------------------------------|
| <b>OrderID:</b> | Q3538                         | <b>OrderDate:</b> | 11/4/2025 2:36:00 PM             |
| <b>Client:</b>  | Ambric Technology Corporation | <b>Project:</b>   | NEWPCP Sludge Screen 13923-GE-25 |
| <b>Contact:</b> | Dan Mulvihill                 | <b>Location:</b>  | D31,D41                          |

| LabID    | ClientID                     | Matrix | Test        | Method | Sample Date       | Prep Date | Anal Date         | Received |
|----------|------------------------------|--------|-------------|--------|-------------------|-----------|-------------------|----------|
| Q3538-01 | 3899-RICHMOND-STR<br>EET-SB1 | SOIL   | Corrosivity | 9045D  | 11/04/25<br>12:00 |           | 11/05/25<br>09:40 | 11/04/25 |
| Q3538-02 | 3899-RICHMOND-STR<br>EET-SB2 | SOIL   | Corrosivity | 9045D  | 11/04/25<br>12:00 |           | 11/05/25<br>09:42 | 11/04/25 |



# SAMPLE DATA

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## Report of Analysis

Client: Ambric Technology Corporation  
Project: NEWPCP Sludge Screen 13923-GE-25  
Client Sample ID: 3899-RICHMOND-STREET-SB1  
Lab Sample ID: Q3538-01

Date Collected: 11/04/25 12:00  
Date Received: 11/04/25  
SDG No.: Q3538  
Matrix: SOIL  
% Solid: 88

| Parameter   | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-------------|-------|------|----|-----|------------|-------|-----------|----------------|----------|
| Corrosivity | 6.87  | H    | 1  | 0   | 0          | pH    |           | 11/05/25 09:40 | 9045D    |

Comments: pH result reported at temperature 24.3 °C

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: Ambric Technology Corporation  
Project: NEWPCP Sludge Screen 13923-GE-25  
Client Sample ID: 3899-RICHMOND-STREET-SB2  
Lab Sample ID: Q3538-02

Date Collected: 11/04/25 12:00  
Date Received: 11/04/25  
SDG No.: Q3538  
Matrix: SOIL  
% Solid: 90.8

| Parameter   | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-------------|-------|------|----|-----|------------|-------|-----------|----------------|----------|
| Corrosivity | 6.89  | H    | 1  | 0   | 0          | pH    |           | 11/05/25 09:42 | 9045D    |

Comments: pH result reported at temperature 21.4 °C

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

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
E = Indicates the reported value is estimated because of the presence of interference.  
OR = Over Range  
N = Spiked sample recovery not within control limits



# QC RESULT SUMMARY

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## Initial and Continuing Calibration Verification

**Client:** Ambric Technology Corporation

**SDG No.:** Q3538

**Project:** NEWPCP Sludge Screen 13923-GE-25

**RunNo.:** LB137781

| Analyte     |             | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|-------------|-------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID:  | <b>ICV</b>  |       |        |            |            |                        |               |
| Corrosivity |             | pH    | 7.02   | 7          | 100        | 90-110                 | 11/05/2025    |
| Sample ID:  | <b>CCV1</b> |       |        |            |            |                        |               |
| Corrosivity |             | pH    | 2.02   | 2.00       | 101        | 90-110                 | 11/05/2025    |
| Sample ID:  | <b>CCV2</b> |       |        |            |            |                        |               |
| Corrosivity |             | pH    | 12.02  | 12.00      | 100        | 90-110                 | 11/05/2025    |

### Duplicate Sample Summary

|                   |                                  |                                         |          |
|-------------------|----------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Ambric Technology Corporation    | <b>SDG No.:</b>                         | Q3538    |
| <b>Project:</b>   | NEWPCP Sludge Screen 13923-GE-25 | <b>Sample ID:</b>                       | Q3538-02 |
| <b>Client ID:</b> | 3899-RICHMOND-STREET-SB2DUP      | <b>Percent Solids for Spike Sample:</b> | 90.8     |

| Analyte     | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|-------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Corrosivity | pH    | +/-20            | 6.89          |                 | 6.90             |                 | 1               | 0.15   |      | 11/05/2025    |



# RAW DATA

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## Analytical Summary Report

Analysis Method: 9045D

Analyst By : jignesh

Parameter: Corrosivity

Supervisor Review By : Iwona

Run Number: LB137781

Slope : 98.6

BalanceID: WC SC-7

pH Meter ID : WC PH METER-1

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W3178         |
| BUFFER PH 7.00 GREEN 1PINT PK6 | W3093         |
| PH 10.01 BUFFER,COLOR CD 475ML | W3191         |
| buffer solution pH 7 yellow    | W3217         |
| Buffer Solution, PH2 (500ml)   | W3161         |
| pH 12.00 Buffer                | W3200         |

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.05].

True Value of CCV2 = 12.00 Control Limits[+/- 0.05].

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 1   | CAL1        | 1  | Water  | NA          | NA          | 20.2             | 4.01        | 11/05/2025 | 08:45     |
| 2   | CAL2        | 1  | Water  | NA          | NA          | 20.2             | 7.01        | 11/05/2025 | 08:46     |
| 3   | CAL3        | 1  | Water  | NA          | NA          | 20.2             | 10.02       | 11/05/2025 | 08:47     |
| 4   | ICV         | 1  | Water  | NA          | NA          | 20.2             | 7.02        | 11/05/2025 | 08:49     |
| 5   | CCV1        | 1  | Water  | NA          | NA          | 20.2             | 2.02        | 11/05/2025 | 08:50     |
| 6   | Q3483-02    | 1  | Solid  | 20.02       | 20          | 20.2             | 3.33        | 11/05/2025 | 09:00     |
| 7   | Q3514-01    | 1  | Solid  | 20.03       | 20          | 22.6             | 5.50        | 11/05/2025 | 09:10     |
| 8   | Q3532-04    | 1  | Solid  | 20.02       | 20          | 22.7             | 5.56        | 11/05/2025 | 09:15     |
| 9   | Q3532-08    | 1  | Solid  | 20.03       | 20          | 22.3             | 5.87        | 11/05/2025 | 09:25     |
| 10  | Q3537-02    | 1  | Solid  | 20.02       | 20          | 23.6             | 7.30        | 11/05/2025 | 09:30     |
| 11  | Q3538-01    | 1  | Solid  | 20.02       | 20          | 24.3             | 6.87        | 11/05/2025 | 09:40     |
| 12  | Q3538-02    | 1  | Solid  | 20.03       | 20          | 21.4             | 6.89        | 11/05/2025 | 09:42     |
| 13  | Q3538-02DUP | 1  | Solid  | 20.04       | 20          | 21.6             | 6.90        | 11/05/2025 | 09:44     |
| 14  | CCV2        | 1  | Water  | NA          | NA          | 20.3             | 12.02       | 11/05/2025 | 09:45     |

WORKLIST(Hardcopy Internal Chain)

SR 131178 13137181

WorkList Name : corrsivity q3538      WorkList ID : 192884      Department : Wet-Chemistry      Date : 11-05-2025 08:35:41

| Sample   | Customer Sample         | Matrix | Test        | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-------------------------|--------|-------------|--------------|----------|-----------------------------|--------------|--------|
| Q3483-02 | HW1025-PT-CORR-SOIL     | Solid  | Corrosivity | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | 9045D  |
| Q3514-01 | OILY-DEBRIS-RAGS        | Solid  | Corrosivity | Cool 4 deg C | PSEG03   | D41                         | 10/31/2025   | 9045D  |
| Q3532-04 | TP-1                    | Solid  | Corrosivity | Cool 4 deg C | PSEG03   |                             | 11/04/2025   | 9045D  |
| Q3532-08 | TP-2                    | Solid  | Corrosivity | Cool 4 deg C | PSEG03   | D31                         | 11/04/2025   | 9045D  |
| Q3537-02 | MW-17-SOIL              | Solid  | Corrosivity | Cool 4 deg C | PSEG03   | D41                         | 11/04/2025   | 9045D  |
| Q3538-01 | 3899-RICHMOND-STREET-SB | Solid  | Corrosivity | Cool 4 deg C | AMBR01   | D41                         | 11/04/2025   | 9045D  |
| Q3538-02 | 3899-RICHMOND-STREET-SB | Solid  | Corrosivity | Cool 4 deg C | AMBR01   | D31                         | 11/04/2025   | 9045D  |

Date/Time 11/05/25 08:40  
Raw Sample Received by: SR WU  
Raw Sample Relinquished by: [Signature]

Date/Time 11/05/25 13:30  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: [Signature]

**Instrument ID:** WC PH METER-1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137781**

|                  |                                     |              |                       |
|------------------|-------------------------------------|--------------|-----------------------|
| Review By        | jignesh                             | Review On    | 11/5/2025 10:52:26 AM |
| Supervise By     | Iwona                               | Supervise On | 11/5/2025 10:53:15 AM |
| SubDirectory     | LB137781                            | Test         | Corrosivity           |
| <b>STD. NAME</b> | <b>STD REF.#</b>                    |              |                       |
| ICAL Standard    | N/A                                 |              |                       |
| ICV Standard     | N/A                                 |              |                       |
| CCV Standard     | N/A                                 |              |                       |
| ICSA Standard    | N/A                                 |              |                       |
| CRI Standard     | N/A                                 |              |                       |
| LCS Standard     | N/A                                 |              |                       |
| Chk Standard     | W3178,W3093,W3191,W3217,W3161,W3200 |              |                       |

| Sr# | SampleId    | ClientID         | QcType | Date           | Comment | Operator | Status |
|-----|-------------|------------------|--------|----------------|---------|----------|--------|
| 1   | CAL1        | CAL1             | CAL    | 11/05/25 08:45 |         | Jignesh  | OK     |
| 2   | CAL2        | CAL2             | CAL    | 11/05/25 08:46 |         | Jignesh  | OK     |
| 3   | CAL3        | CAL3             | CAL    | 11/05/25 08:47 |         | Jignesh  | OK     |
| 4   | ICV         | ICV              | ICV    | 11/05/25 08:49 |         | Jignesh  | OK     |
| 5   | CCV1        | CCV1             | CCV    | 11/05/25 08:50 |         | Jignesh  | OK     |
| 6   | Q3483-02    | HW1025-PT-CORR-S | SAM    | 11/05/25 09:00 |         | Jignesh  | OK     |
| 7   | Q3514-01    | OILY-DEBRIS-RAGS | SAM    | 11/05/25 09:10 |         | Jignesh  | OK     |
| 8   | Q3532-04    | TP-1             | SAM    | 11/05/25 09:15 |         | Jignesh  | OK     |
| 9   | Q3532-08    | TP-2             | SAM    | 11/05/25 09:25 |         | Jignesh  | OK     |
| 10  | Q3537-02    | MW-17-SOIL       | SAM    | 11/05/25 09:30 |         | Jignesh  | OK     |
| 11  | Q3538-01    | 3899-RICHMOND-ST | SAM    | 11/05/25 09:40 |         | Jignesh  | OK     |
| 12  | Q3538-02    | 3899-RICHMOND-ST | SAM    | 11/05/25 09:42 |         | Jignesh  | OK     |
| 13  | Q3538-02DUP | 3899-RICHMOND-ST | DUP    | 11/05/25 09:44 |         | Jignesh  | OK     |
| 14  | CCV2        | CCV2             | CCV    | 11/05/25 09:45 |         | Jignesh  | OK     |

### Prep Standard - Chemical Standard Summary

**Order ID :** Q3538  
**Test :** Corrosivity,Percent Solids  
**Prepbatch ID :**  
**Sequence ID/Qc Batch ID:** LB137781,

**Standard ID :**

**Chemical ID :**  
W3093,W3161,W3178,W3191,W3200,W3217,

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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. | 566002 / BUFFER PH 7.00 GREEN 1PINT PK6 | 44001f99 | 12/31/2025      | 04/03/2024 / jignesh    | 04/02/2024 / jignesh        | W3093          |

| Supplier                    | ItemCode / ItemName                      | Lot #   | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|------------------------------------------|---------|-----------------|-------------------------|-----------------------------|----------------|
| PCI Scientific Supply, Inc. | AL13850-1 / Buffer Solution, PH2 (500ml) | 2411E26 | 10/31/2026      | 12/09/2024 / lwona      | 12/09/2024 / lwona          | W3161          |

| Supplier                    | ItemCode / ItemName              | Lot #   | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|----------------------------------|---------|-----------------|-------------------------|-----------------------------|----------------|
| PCI Scientific Supply, Inc. | AL14055-3 / PH 4 BUFFER SOLUTION | 2411A93 | 10/30/2026      | 04/01/2025 / JIGNESH    | 01/27/2025 / jignesh        | W3178          |

| Supplier                    | ItemCode / ItemName                     | Lot #   | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|-----------------------------------------|---------|-----------------|-------------------------|-----------------------------|----------------|
| PCI Scientific Supply, Inc. | 1601-1 / PH 10.01 BUFFER,COLOR CD 475ML | 2410F80 | 03/31/2026      | 04/01/2025 / JIGNESH    | 03/13/2025 / jignesh        | W3191          |

| Supplier               | ItemCode / ItemName       | Lot #   | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------------|---------------------------|---------|-----------------|-------------------------|-----------------------------|----------------|
| RICCA CHEMICAL COMPANY | 1615-16 / pH 12.00 Buffer | 2504F20 | 09/30/2026      | 04/11/2025 / lwona      | 04/11/2025 / lwona          | W3200          |

| Supplier                    | ItemCode / ItemName                     | Lot #   | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|-----------------------------------------|---------|-----------------|-------------------------|-----------------------------|----------------|
| PCI Scientific Supply, Inc. | AL14455-3 / buffer solution pH 7 yellow | 2504D34 | 03/31/2027      | 07/02/2025 / jignesh    | 06/26/2025 / lwona          | W3217          |



## Certificate of Analysis

Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C (Color Coded Yellow)

Lot Number: 4401F99

Product Number: 1551

Manufacture Date: JAN 08, 2024

Expiration Date: DEC 2025

The certified value for this product is confirmed in independent testing by a second qualified chemist.

The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

|    |      |      |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|
| °C | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   |
| pH | 7.12 | 7.09 | 7.06 | 7.04 | 7.02 | 7.00 | 6.99 | 6.98 | 6.98 | 6.97 | 6.97 |

| Name                           | CAS#        | Grade           |
|--------------------------------|-------------|-----------------|
| Water                          | 7732-18-5   | ACS/ASTM/USP/EP |
| Sodium Phosphate Dibasic       | 7558-79-4   | ACS             |
| Potassium Dihydrogen Phosphate | 7778-77-0   | ACS             |
| Preservative                   | Proprietary |                 |
| Yellow Dye                     | Proprietary |                 |
| Sodium Hydroxide               | 1310-73-2   |                 |

| Test       | Specification | Result |
|------------|---------------|--------|
| Appearance | Yellow liquid | Passed |

\*Not a certified value.

| Test                                  | Certified Value | Uncertainty | NIST SRM#               |
|---------------------------------------|-----------------|-------------|-------------------------|
| pH at 25°C (Method: SQCP027, SQCP033) | 7.004           | 0.02        | 186-I-g, 186-II-g, 191d |

| Specification               | Reference       |
|-----------------------------|-----------------|
| Commercial Buffer Solutions | ASTM (D 1293 B) |
| Buffer A                    | ASTM (D 5464)   |
| Buffer A                    | ASTM (D 5128)   |

pH measurements were performed in our Batesville, IN laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.02) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. 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) |
|-------------|---------------------|---------------------------------|
| 1551-1      | 4 L natural poly    | 24 months                       |
| 1551-1CT    | 4 L Cubitainer®     | 24 months                       |
| 1551-2.5    | 10 L Cubitainer®    | 24 months                       |
| 1551-5      | 20 L Cubitainer®    | 24 months                       |

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Paul Brandon (01/08/2024)

Production Manager

This document is designed to comply with ISO Guide 31 "Reference Materials --  
Contents of Certificates and Labels."

**This product was tested in an ISO 17025 Accredited Laboratory**

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



# Certificate of Analysis

**Buffer, Reference Standard, pH 2.00 ± 0.01 at 25°C****Lot Number:** 2411E26**Product Number:** 1493**Manufacture Date:** NOV 11, 2024**Expiration Date:** OCT 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.

The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

|    |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|
| °C | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   |
| pH | 1.93 | 1.98 | 1.98 | 2.00 | 2.01 | 2.03 | 2.03 | 2.04 | 2.04 |

| Name               | CAS#      | Grade           |
|--------------------|-----------|-----------------|
| Water              | 7732-18-5 | ACS/ASTM/USP/EP |
| Potassium Chloride | 7447-40-7 | ACS             |
| Hydrochloric Acid  | 7647-01-0 | ACS             |

| Test       | Specification    | Result |
|------------|------------------|--------|
| Appearance | Colorless liquid | Passed |

\*Not a certified value.

| Test                                  | Certified Value | Uncertainty | NIST SRM#               |
|---------------------------------------|-----------------|-------------|-------------------------|
| pH at 25°C (Method: SQCP027, SQCP033) | 1.994           | 0.02        | 185i, 186-I-g, 186-II-g |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. 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) |
|-------------|---------------------|---------------------------------|
| 1493-1      | 4 L natural poly    | 24 months                       |
| 1493-16     | 500 mL natural poly | 24 months                       |
| 1493-1CT    | 4 L Cubitainer®     | 24 months                       |
| 1493-2.5    | 10 L Cubitainer®    | 24 months                       |
| 1493-32     | 1 L natural poly    | 24 months                       |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)



Jose Pena (11/11/2024)  
Operations Manager

**This product was tested in an ISO 17025 Accredited Laboratory**

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**RICCA CHEMICAL COMPANY®**

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# Certificate of Analysis

W31758 58

Buffer, Reference Standard, pH 4.00 ± 0.01 at 25°C (Color Coded Red)

Lot Number: 2411A93

Product Number: 1501

Manufacture Date: NOV 04, 2024

Expiration Date: OCT 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.  
The NIST Traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

|    |      |      |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|
| °C | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   |
| pH | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.01 | 4.02 | 4.03 | 4.04 | 4.06 |

| Name                     | CAS#        | Grade           |
|--------------------------|-------------|-----------------|
| Water                    | 7732-18-5   | ACS/ASTM/USP/EP |
| Potassium Acid Phthalate | 877-24-7    | Buffer          |
| Preservative             | Proprietary | Commercial      |
| Red Dye                  | Proprietary | Purified        |

| Test       | Specification | Result |
|------------|---------------|--------|
| Appearance | Red liquid    | Passed |

\*Not a certified value.

| Test                                  | Certified Value | Uncertainty | NIST SRM#               |
|---------------------------------------|-----------------|-------------|-------------------------|
| pH at 25°C (Method: SQCP027, SQCP033) | 4.008           | 0.02        | 185i, 186-I-g, 186-II-g |

| Specification               | Reference       |
|-----------------------------|-----------------|
| Commercial Buffer Solutions |                 |
| Buffer B                    | ASTM (D 1293 B) |
| Buffer B                    | ASTM (D 5464)   |
| Buffer B                    | ASTM (D 5128)   |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. 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) |
|-------------|---------------------|---------------------------------|
| 1501-16     | 500 mL natural poly | 24 months                       |
| 1501-2.5    | 10 L Cubitainer®    | 24 months                       |
| 1501-5      | 20 L Cubitainer®    | 24 months                       |

Recommended Storage: 15°C - 30°C (59°F - 86°F)



RICCA CHEMICAL COMPANY®

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Certificate of Analysis

Buffer, Reference Standard, pH 10.00 ± 0.01 at 25°C (Color Coded Blue)

Lot Number: 2410F80

Product Number: 1601

Manufacture Date: OCT 09, 2024

Expiration Date: MAR 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.  
The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

| °C | 0     | 5     | 10    | 15    | 20    | 25    | 30   | 35   | 40   | 50   |
|----|-------|-------|-------|-------|-------|-------|------|------|------|------|
| pH | 10.31 | 10.23 | 10.17 | 10.11 | 10.05 | 10.00 | 9.95 | 9.91 | 9.87 | 9.81 |

| Name               | CAS#        | Grade           |
|--------------------|-------------|-----------------|
| Water              | 7732-18-5   | ACS/ASTM/USP/EP |
| Sodium Carbonate   | 497-19-8    | ACS             |
| Sodium Bicarbonate | 144-55-8    | ACS             |
| Sodium Hydroxide   | 1310-73-2   | Reagent         |
| Preservative       | Proprietary |                 |
| Blue Dye           | Proprietary |                 |

| Test       | Specification | Result |
|------------|---------------|--------|
| Appearance | Blue liquid   | Passed |

| Test                                  | Certified Value | Uncertainty | NIST SRM#               |
|---------------------------------------|-----------------|-------------|-------------------------|
| pH at 25°C (Method: SQCP027, SQCP033) | 10.009          | 0.02        | 186-I-g, 186-II-g, 191d |

| Specification               | Reference       |
|-----------------------------|-----------------|
| Commercial Buffer Solutions |                 |
| Buffer C                    | ASTM (D 1293 B) |
| Buffer C                    | ASTM (D 5464)   |
|                             | ASTM (D 5128)   |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. 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) |
|-------------|---------------------|---------------------------------|
| 1601-1      | 4 L natural poly    | 18 months                       |
| 1601-16     | 500 mL natural poly | 18 months                       |
| 1601-1CT    | 4 L Cubitainer®     | 18 months                       |
| 1601-2.5    | 10 L Cubitainer®    | 18 months                       |
| 1601-32     | 1 L natural poly    | 18 months                       |
| 1601-5      | 20 L Cubitainer®    | 18 months                       |

Version: 1.3

Lot Number: 2410F80

Product Number: 1601

Page 1 of 2



# Certificate of Analysis

**Buffer, Reference Standard, pH 12.00 ± 0.01 at 25°C****Lot Number:** 2504F20**Product Number:** 1615**Manufacture Date:** APR 08, 2025**Expiration Date:** SEP 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.

|    |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|
| °C | 15    | 20    | 25    | 30    | 35    | 40    |
| pH | 12.35 | 12.17 | 11.99 | 11.78 | 11.62 | 11.46 |

| Name               | CAS#      | Grade              |
|--------------------|-----------|--------------------|
| Water              | 7732-18-5 | ACS/ASTM/USP/EP    |
| Potassium Chloride | 7447-40-7 | ACS                |
| Sodium Hydroxide   | 1310-73-2 | Reagent (from ACS) |

| Test       | Specification    | Result |
|------------|------------------|--------|
| Appearance | Colorless liquid | Passed |

\*Not a certified value.

| Test                                  | Certified Value | Uncertainty | NIST SRM#               |
|---------------------------------------|-----------------|-------------|-------------------------|
| pH at 25°C (Method: SQCP027, SQCP033) | 12.009          | 0.02        | 186-I-g, 186-II-g, 191d |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. 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) |
|-------------|---------------------|---------------------------------|
| 1615-1      | 4 L natural poly    | 18 months                       |
| 1615-16     | 500 mL clear PET-G  | 18 months                       |
| 1615-5      | 20 L Cubitainer®    | 18 months                       |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)



Jose Pena (04/08/2025)  
Operations Manager

**This product was tested in an ISO 17025 Accredited Laboratory**

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# Certificate of Analysis

**Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C (Color Coded Yellow)**

**Lot Number:** 2504D34

**Product Number:** 1551

**Manufacture Date:** APR 03, 2025

**Expiration Date:** MAR 2027

The certified value for this product is confirmed in independent testing by a second qualified chemist.

The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

|    |      |      |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|
| °C | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   |
| pH | 7.12 | 7.09 | 7.06 | 7.04 | 7.02 | 7.00 | 6.99 | 6.98 | 6.98 | 6.97 | 6.97 |

| Name                           | CAS#        | Grade              |
|--------------------------------|-------------|--------------------|
| Water                          | 7732-18-5   | ACS/ASTM/USP/EP    |
| Sodium Phosphate Dibasic       | 7558-79-4   | ACS                |
| Potassium Dihydrogen Phosphate | 7778-77-0   | ACS                |
| Preservative                   | Proprietary |                    |
| Yellow Dye                     | Proprietary |                    |
| Sodium Hydroxide               | 1310-73-2   | Reagent (from ACS) |

| Test       | Specification | Result                         |
|------------|---------------|--------------------------------|
| Appearance | Yellow liquid | Passed *Not a certified value. |

| Test                                  | Certified Value | Uncertainty | NIST SRM#               |
|---------------------------------------|-----------------|-------------|-------------------------|
| pH at 25°C (Method: SQCP027, SQCP033) | 7.003           | 0.02        | 186-I-g, 186-II-g, 191d |

| Specification               | Reference       |
|-----------------------------|-----------------|
| Commercial Buffer Solutions | ASTM (D 1293 B) |
| Buffer A                    | ASTM (D 5464)   |
| Buffer A                    | ASTM (D 5128)   |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. 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) |
|-------------|---------------------|---------------------------------|
| 1551-2.5    | 10 L Cubitainer®    | 24 months                       |
| 1551-20     | 20 x 20 mL pack     | 24 months                       |
| 1551-32     | 1 L natural poly    | 24 months                       |
| 1551-5      | 20 L Cubitainer®    | 24 months                       |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)



Jose Pena (04/03/2025)  
Operations Manager

**This product was tested in an ISO 17025 Accredited Laboratory**

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# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 11/5/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:30  
In Date: 11/04/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:37  
Out Date: 11/05/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137758

| 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      |
|----------|---------------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|---------------|
| Q3530-01 | LOD-MDL-SOIL-01-QT4-2025  | 1      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |               |
| Q3530-02 | LOQ-SOIL-02-QT4-2025      | 2      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |               |
| Q3530-03 | MDL-SOIL-03-QT4-2025      | 3      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |               |
| Q3530-04 | LOD-MDL-SOIL-04-QT4-2025  | 4      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |               |
| Q3530-05 | LOQ-SOIL-05-QT4-2025      | 5      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |               |
| Q3530-06 | MDL-SOIL-06-QT4-2025      | 6      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |               |
| Q3530-16 | LLOQ-SOIL-QT4-2025        | 7      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |               |
| Q3532-01 | TP-1                      | 8      | 1.18           | 10.44        | 11.62                   | 9.9                       | 83.5    |               |
| Q3532-02 | TP-1-EPH                  | 9      | 1.19           | 10.40        | 11.59                   | 9.76                      | 82.4    |               |
| Q3532-03 | TP-1-VOC                  | 10     | 1.16           | 10.40        | 11.56                   | 9.76                      | 82.7    |               |
| Q3532-05 | TP-2                      | 11     | 1.18           | 10.81        | 11.99                   | 10.41                     | 85.4    |               |
| Q3532-06 | TP-2-EPH                  | 12     | 1.18           | 10.50        | 11.68                   | 9.94                      | 83.4    |               |
| Q3532-07 | TP-2-VOC                  | 13     | 1.18           | 10.94        | 12.12                   | 10.54                     | 85.6    |               |
| Q3536-01 | FILTER-COMP               | 14     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | filter sample |
| Q3536-03 | 2061                      | 15     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | debris        |
| Q3536-04 | 2052                      | 16     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | debris        |
| Q3537-01 | MW-17-SOIL                | 17     | 1.15           | 11.14        | 12.29                   | 10.66                     | 85.4    |               |
| Q3538-01 | 3899-RICHMOND-STREET-S B1 | 19     | 1.13           | 10.61        | 11.74                   | 10.47                     | 88.0    |               |
| Q3538-02 | 3899-RICHMOND-STREET-S B2 | 20     | 1.17           | 10.13        | 11.3                    | 10.37                     | 90.8    |               |
| Q3539-01 | JF-HUEBNER                | 21     | 1.14           | 10.21        | 11.35                   | 8.7                       | 74.0    |               |
| Q3543-01 | TRE-25-0073               | 18     | 1.13           | 10.50        | 11.63                   | 11.24                     | 96.3    |               |

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

## WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-110425

WorkList ID : 192868

Department : Wet-Chemistry

Date : 11-04-2025 13:32:49

| Sample   | Customer Sample          | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3530-01 | LOD-MDL-SOIL-01-QT4-2025 | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 11/03/2025   | Chemtech -SO |
| Q3530-02 | LOQ-SOIL-02-QT4-2025     | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 11/03/2025   | Chemtech -SO |
| Q3530-03 | MDL-SOIL-03-QT4-2025     | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 11/03/2025   | Chemtech -SO |
| Q3530-04 | LOD-MDL-SOIL-04-QT4-2025 | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 11/03/2025   | Chemtech -SO |
| Q3530-05 | LOQ-SOIL-05-QT4-2025     | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 11/03/2025   | Chemtech -SO |
| Q3530-06 | MDL-SOIL-06-QT4-2025     | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 11/03/2025   | Chemtech -SO |
| Q3530-16 | LLOQ-SOIL-QT4-2025       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 11/03/2025   | Chemtech -SO |
| Q3532-01 | TP-1                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 11/04/2025   | Chemtech -SO |
| Q3532-02 | TP-1-EPH                 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 11/04/2025   | Chemtech -SO |
| Q3532-03 | TP-1-VOC                 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 11/04/2025   | Chemtech -SO |
| Q3532-05 | TP-2                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 11/04/2025   | Chemtech -SO |
| Q3532-06 | TP-2-EPH                 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 11/04/2025   | Chemtech -SO |
| Q3532-07 | TP-2-VOC                 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 11/04/2025   | Chemtech -SO |
| Q3536-01 | FILTER-COMP              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 11/04/2025   | Chemtech -SO |
| Q3536-03 | 2061                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 11/04/2025   | Chemtech -SO |
| Q3536-04 | 2052                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 11/04/2025   | Chemtech -SO |
| Q3537-01 | MW-17-SOIL               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 11/04/2025   | Chemtech -SO |
| Q3538-01 | 3899-RICHMOND-STREET-SB  | Solid  | Percent Solids | Cool 4 deg C | AMBR01   | D31                         | 11/04/2025   | Chemtech -SO |
| Q3538-02 | 3899-RICHMOND-STREET-SB  | Solid  | Percent Solids | Cool 4 deg C | AMBR01   | D31                         | 11/04/2025   | Chemtech -SO |
| Q3539-01 | JF-HUEBNER               | Solid  | Percent Solids | Cool 4 deg C | AMBR01   | D41                         | 11/04/2025   | Chemtech -SO |
| Q3543-01 | TRE-25-0073              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 11/04/2025   | Chemtech -SO |

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

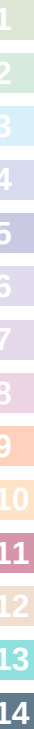
Raw Sample Received by:

Raw Sample Relinquished by:



# SHIPPING DOCUMENTS

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- 7
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- 10
- 11
- 12
- 13
- 14



Phone: (908) 788-9900 Fax: (908) 788-9777

Alliance Project Number:

## CHAIN OF CUSTODY RECORD

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### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |