Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

# 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 because of the presence of interference |
| **M** | Indicates Duplicate injection precision not met. |
| **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. |
| **M** | 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 |
| **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 |
| H | Sample Analysis Out Of Hold Time |

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2497 | **OrderDate:** | 7/2/2025 1:58:00 PM |
| **Client:** | ATG - AKRON LAB | **Project:** | PO 25061636 |
| **Contact:** | Jennifer Woolf | **Location:** | A61 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2497-01** | **SW bedroom (San** | **SOIL** | | | **06/15/25 10:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 12:55 | |
| **Q2497-02** | **Salman s room SE** | **SOIL** | | | **06/15/25 10:30** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |
| **Q2497-03** | **Sanah s room bed** | **SOIL** | | | **06/15/25 10:40** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |
| **Q2497-04** | **Salman s room m** | **SOIL** | | | **06/15/25 11:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |
| **Q2497-05** | **Master bed mattr** | **SOIL** | | | **06/15/25 11:20** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |
| **Q2497-06** | **Kaihaan s room m** | **SOIL** | | | **06/15/25 11:45** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |
| **Q2497-07** | **Garage foam yog** | **SOIL** | | | **06/15/25 12:30** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |

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# LAB CHRONICLE

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Q2497-08** | **Living room west** | **SOIL** | | | **06/15/25 12:45** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |
| **Q2497-09** | **Entrance rug** | **SOIL** | | | **06/15/25 12:55** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |
| **Q2497-10** | **south exterior re** | **SOIL** | | | **06/15/25 01:30** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:02 | |
| **Q2497-11** | **Garage gym floor** | **SOIL** | | | **06/15/25 02:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-12** | **Rug by the back d** | **SOIL** | | | **06/15/25 02:30** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-13** | **Guest bed mattre** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-14** | **Garage backyard** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-15** | **LR SW conner chai** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-16** | **Living room NE co** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |

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# LAB CHRONICLE

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-17** | **Dining room SW c** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-18** | **LR SW rug corner** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-19** | **LR west wall plug** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:10 | |
| **Q2497-20** | **LR NE corner plug** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/03/25 | 07/07/25 13:17 | |
| **Q2497-21** | **office east wall pl** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/07/25 | 07/07/25 12:47 | |
| **Q2497-22** | **Bedroom north w** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/07/25 | 07/07/25 12:47 | |
| **Q2497-23** | **Kitchem ceiling pl** | **SOIL** | | | **06/13/25 12:00** | | | **07/02/25** |
| | | | Cyanide | 9012B | | 07/07/25 | 07/07/25 12:55 | |


# SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 10:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | SW bedroom (San | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-01 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.29 | H | 1 | 0.042 | 0.25 | mg/Kg | 07/03/25 10:00 | 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

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 10:30 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Salman s room SE | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-02 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.19 | HJ | 1 | 0.040 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 10:40 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Sanah s room bed | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-03 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.041 | HU | 1 | 0.041 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

U = Not Detected
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 11:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Salman s room m | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-04 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.042 | HU | 1 | 0.042 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 11:20 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Master bed mattr | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-05 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.041 | HU | 1 | 0.041 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 11:45 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Kaihaan s room m | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-06 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.041 | HU | 1 | 0.041 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 12:30 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Garage foam yog | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-07 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.040 | HU | 1 | 0.040 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

U = Not Detected
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LOD = Limit of Detection
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 12:45 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Living room west | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-08 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.040 | HU | 1 | 0.040 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

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N =Spiked sample recovery not within control limits

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 12:55 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Entrance rug | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-09 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.040 | HU | 1 | 0.040 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 01:30 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | south exterior re | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-10 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.042 | HU | 1 | 0.042 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:02 | 9012B |

Comments:

U = Not Detected
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 02:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Garage gym floor | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-11 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.041 | HU | 1 | 0.041 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 9012B |

Comments:

U = Not Detected
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/15/25 02:30 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Rug by the back d | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-12 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.042 | HU | 1 | 0.042 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 9012B |

Comments:

U = Not Detected
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Guest bed mattre | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-13 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.050 | HJ | 1 | 0.040 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 9012B |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Garage backyard | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-14 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.042 | HU | 1 | 0.042 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 9012B |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | LR SW conner chai | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-15 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.052 | HJ | 1 | 0.040 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Living room NE co | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-16 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.14 | HJ | 1 | 0.041 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 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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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Dining room SW c | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-17 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.041 | HU | 1 | 0.041 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 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: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | LR SW rug corner | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-18 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.068 | HJ | 1 | 0.040 | 0.24 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 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: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | LR west wall plug | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-19 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.12 | HJ | 1 | 0.042 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:10 | 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: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | LR NE corner plug | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-20 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.042 | HU | 1 | 0.042 | 0.25 | mg/Kg | 07/03/25 10:00 | 07/07/25 13:17 | 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: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | office east wall pl | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-21 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.042 | HU | 1 | 0.042 | 0.25 | mg/Kg | 07/07/25 08:00 | 07/07/25 12:47 | 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: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Bedroom north w | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-22 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.040 | HU | 1 | 0.040 | 0.24 | mg/Kg | 07/07/25 08:00 | 07/07/25 12:47 | 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: | ATG - AKRON LAB | Date Collected: | 06/13/25 12:00 |
| Project: | PO 25061636 | Date Received: | 07/02/25 |
| Client Sample ID: | Kitchem ceiling pl | SDG No.: | Q2497 |
| Lab Sample ID: | Q2497-23 | Matrix: | SOIL |
| | | % Solid: | 100 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide | 0.33 | H | 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

# QC RESULT SUMMARY

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# Initial and Continuing Calibration Verification

**Client:** ATG - AKRON LAB **SDG No.:** Q2497

**Project:** PO 25061636 **RunNo.:** LB136384

| Analyte | | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---|---|---|---|---|---|---|---|
| Sample ID: | ICV1 | | | | | | |
| Cyanide | | mg/L | 0.098 | 0.099 | 99 | 90-110 | 07/07/2025 |
| Sample ID: | CCV1 | | | | | | |
| Cyanide | | mg/L | 0.25 | 0.25 | 100 | 90-110 | 07/07/2025 |
| Sample ID: | CCV2 | | | | | | |
| Cyanide | | mg/L | 0.24 | 0.25 | 96 | 90-110 | 07/07/2025 |
| Sample ID: | CCV3 | | | | | | |
| Cyanide | | mg/L | 0.24 | 0.25 | 96 | 90-110 | 07/07/2025 |
| Sample ID: | CCV4 | | | | | | |
| Cyanide | | mg/L | 0.24 | 0.25 | 96 | 90-110 | 07/07/2025 |
| Sample ID: | CCV5 | | | | | | |
| Cyanide | | mg/L | 0.25 | 0.25 | 100 | 90-110 | 07/07/2025 |
| Sample ID: | CCV6 | | | | | | |
| Cyanide | | mg/L | 0.25 | 0.25 | 100 | 90-110 | 07/07/2025 |
| Sample ID: | CCV7 | | | | | | |
| Cyanide | | mg/L | 0.25 | 0.25 | 100 | 90-110 | 07/07/2025 |

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# Initial and Continuing Calibration Blank Summary

**Client:** ATG - AKRON LAB **SDG No.:** Q2497

**Project:** PO 25061636 **RunNo.:** LB136384

| Analyte | | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| Sample ID: | ICB1 | | | | | | | |
| Cyanide | | mg/L | < 0.0025 | 0.0025 | U | 0.00096 | 0.005 | 07/07/2025 |
| Sample ID: | CCB1 | | | | | | | |
| Cyanide | | mg/L | < 0.0025 | 0.0025 | U | 0.00096 | 0.005 | 07/07/2025 |
| Sample ID: | CCB2 | | | | | | | |
| Cyanide | | mg/L | < 0.0025 | 0.0025 | U | 0.00096 | 0.005 | 07/07/2025 |
| Sample ID: | CCB3 | | | | | | | |
| Cyanide | | mg/L | < 0.0025 | 0.0025 | U | 0.00096 | 0.005 | 07/07/2025 |
| Sample ID: | CCB4 | | | | | | | |
| Cyanide | | mg/L | < 0.0025 | 0.0025 | U | 0.00096 | 0.005 | 07/07/2025 |
| Sample ID: | CCB5 | | | | | | | |
| Cyanide | | mg/L | < 0.0025 | 0.0025 | U | 0.00096 | 0.005 | 07/07/2025 |
| Sample ID: | CCB6 | | | | | | | |
| Cyanide | | mg/L | < 0.0025 | 0.0025 | U | 0.00096 | 0.005 | 07/07/2025 |
| Sample ID: | CCB7 | | | | | | | |
| Cyanide | | mg/L | < 0.0025 | 0.0025 | U | 0.00096 | 0.005 | 07/07/2025 |

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# Preparation Blank Summary

**Client:** ATG - AKRON LAB **SDG No.:** Q2497

**Project:** PO 25061636

| Analyte | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|---|---|---|---|---|---|---|---|
| Sample ID: PB168729BL | | | | | | | |
| Cyanide | mg/Kg | < 0.1250 | 0.1250 | U | 0.042 | 0.25 | 07/07/2025 |
| Sample ID: PB168730BL | | | | | | | |
| Cyanide | mg/Kg | < 0.1250 | 0.1250 | U | 0.042 | 0.25 | 07/07/2025 |

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# Matrix Spike Summary

**Client:** ATG - AKRON LAB
**SDG No.:** Q2497
**Project:** PO 25061636
**Sample ID:** Q2497-20
**Client ID:** LR NE corner plugMS
**Percent Solids for Spike Sample:** 100

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/Kg | 75-125 | 1.90 | | 0.042 | U | 2 | 1 | 95 | | 07/07/2025 |

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# Matrix Spike Summary

**Client:** ATG - AKRON LAB
**Project:** PO 25061636
**Client ID:** LR NE corner plugMSD
**SDG No.:** Q2497
**Sample ID:** Q2497-20
**Percent Solids for Spike Sample:** 100

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/Kg | 75-125 | 2.20 | | 0.042 | U | 2 | 1 | 110 | | 07/07/2025 |

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# Matrix Spike Summary

**Client:** ATG - AKRON LAB
**SDG No.:** Q2497
**Project:** PO 25061636
**Sample ID:** Q2498-03
**Client ID:** Master bed NE mMS
**Percent Solids for Spike Sample:** 100

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/Kg | 75-125 | 1.90 | | 0.067 | J | 2 | 1 | 92 | | 07/07/2025 |

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# Matrix Spike Summary

**Client:** ATG - AKRON LAB
**SDG No.:** Q2497
**Project:** PO 25061636
**Sample ID:** Q2498-03
**Client ID:** Master bed NE mMSD
**Percent Solids for Spike Sample:** 100

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/Kg | 75-125 | 1.90 | | 0.067 | J | 1.9 | 1 | 96 | | 07/07/2025 |

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# Duplicate Sample Summary

**Client:** ATG - AKRON LAB
**Project:** PO 25061636
**Client ID:** LR NE corner plugDUP
**SDG No.:** Q2497
**Sample ID:** Q2497-20
**Percent Solids for Spike Sample:** 100

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/Kg | +/-20 | 0.042 | U | 0.041 | U | 1 | 0 | | 07/07/2025 |

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# Duplicate Sample Summary

**Client:** ATG - AKRON LAB
**SDG No.:** Q2497
**Project:** PO 25061636
**Sample ID:** Q2497-20
**Client ID:** LR NE corner plugMSD
**Percent Solids for Spike Sample:** 100

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/Kg | +/-20 | 1.90 | | 2.20 | | 1 | 15 | | 07/07/2025 |

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# Duplicate Sample Summary

**Client:** ATG - AKRON LAB
**Project:** PO 25061636
**Client ID:** Master bed NE mDUP

**SDG No.:** Q2497
**Sample ID:** Q2498-03
**Percent Solids for Spike Sample:** 100

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/Kg | +/-20 | 0.067 | J | 0.061 | J | 1 | 9 | | 07/07/2025 |

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# Duplicate Sample Summary

**Client:** ATG - AKRON LAB
**Project:** PO 25061636
**Client ID:** Master bed NE mMSD
**SDG No.:** Q2497
**Sample ID:** Q2498-03
**Percent Solids for Spike Sample:** 100

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/Kg | +/-20 | 1.90 | | 1.90 | | 1 | 0 | | 07/07/2025 |

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# Laboratory Control Sample Summary

**Client:** ATG - AKRON LAB **SDG No.:** Q2497

**Project:** PO 25061636 **Run No.:** LB136384

| Analyte | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| **Sample ID** PB168729BS | | | | | | | | |
| Cyanide | mg/Kg | 5 | 5.00 | | 100 | 1 | 85-115 | 07/07/2025 |

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# Laboratory Control Sample Summary

**Client:** ATG - AKRON LAB **SDG No.:** Q2497

**Project:** PO 25061636 **Run No.:** LB136384

| Analyte | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| **Sample ID** PB168730BS | | | | | | | | |
| Cyanide | mg/Kg | 5 | 4.90 | | 98 | 1 | 85-115 | 07/07/2025 |

Alliance
TECHNICAL GROUP

# RAW DATA

LB136

Test results — Aquakem 7.2AQ1 — Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

7/7/2025 13:53 — Reviewed by : RM — Instrument ID : Konelab

Test: Total CN

| Sample Id | Result | Dil. 1 + | Response | Errors |
|---|---|---|---|---|
| ICV1 | 98.052 | 0.0 | 0.076 | |
| ICB1 | 0.557 | 0.0 | 0.001 | |
| CCV1 | 246.825 | 0.0 | 0.190 | |
| CCB1 | 0.280 | 0.0 | 0.001 | |
| PB168730BL | 0.008 | 0.0 | 0.001 | |
| PB168730BS | 98.472 | 0.0 | 0.076 | |
| LOWPB168730 | 9.881 | 0.0 | 0.008 | 98% (90–110) |
| HIGHPB168730 | 491.684 | 0.0 | 0.378 | |
| Q2494-01 | 3.841 | 0.0 | 0.004 | 07/07/2025 |
| Q2494-02 | 0.806 | 0.0 | 0.001 | 98% (90–110) RM |
| Q2494-03 | 0.190 | 0.0 | 0.001 | |
| Q2494-04 | 0.471 | 0.0 | 0.001 | |
| Q2494-05 | 21.780 | 0.0 | 0.018 | |
| Q2494-06 | 2.493 | 0.0 | 0.003 | |
| CCV2 | 240.843 | 0.0 | 0.186 | |
| CCB2 | 0.197 | 0.0 | 0.001 | |
| Q2494-07 | -0.096 | 0.0 | 0.001 | |
| Q2494-08 | 0.207 | 0.0 | 0.001 | |
| Q2494-09 | 0.955 | 0.0 | 0.002 | |
| Q2494-10 | 1.242 | 0.0 | 0.002 | |
| Q2494-11 | 0.671 | 0.0 | 0.001 | |
| Q2494-12 | 1.055 | 0.0 | 0.002 | |
| Q2494-13 | -0.085 | 0.0 | 0.001 | |
| Q2497-21 | 0.053 | 0.0 | 0.001 | |
| Q2497-22 | 0.502 | 0.0 | 0.001 | |
| Q2497-23 | 6.820 | 0.0 | 0.006 | |
| CCV3 | 241.540 | 0.0 | 0.186 | |
| CCB3 | 0.063 | 0.0 | 0.001 | |
| Q2498-01 | 1.446 | 0.0 | 0.002 | |
| Q2498-02 | 1.350 | 0.0 | 0.002 | |
| Q2498-03 | 1.386 | 0.0 | 0.002 | |
| Q2498-03DUP | 1.267 | 0.0 | 0.002 | |
| Q2498-03MS | 38.340 | 0.0 | 0.030 | |
| Q2498-03MSD | 39.173 | 0.0 | 0.031 | |
| PB168729BS | 100.888 | 0.0 | 0.078 | |
| Q2497-01 | 5.938 | 0.0 | 0.005 | |
| Q2497-02 | 3.951 | 0.0 | 0.004 | |
| Q2497-03 | 0.400 | 0.0 | 0.001 | |
| CCV4 | 241.594 | 0.0 | 0.186 | |
| CCB4 | 0.341 | 0.0 | 0.001 | |
| Q2497-04 | 0.389 | 0.0 | 0.001 | |
| Q2497-05 | 0.171 | 0.0 | 0.001 | |
| Q2497-06 | -0.106 | 0.0 | 0.001 | |
| Q2497-07 | 0.120 | 0.0 | 0.001 | |
| Q2497-08 | 0.608 | 0.0 | 0.001 | |
| Q2497-09 | 0.547 | 0.0 | 0.001 | |
| Q2497-10 | -0.084 | 0.0 | 0.001 | |
| Q2497-11 | 0.061 | 0.0 | 0.001 | |
| Q2497-12 | 0.240 | 0.0 | 0.001 | |
| Q2497-13 | 1.033 | 0.0 | 0.002 | |
| CCV5 | 245.430 | 0.0 | 0.189 | |
| CCB5 | 0.354 | 0.0 | 0.001 | |
| Q2497-14 | 0.231 | 0.0 | 0.001 | |
| Q2497-15 | 1.073 | 0.0 | 0.002 | |
| Q2497-16 | 2.867 | 0.0 | 0.003 | |

Test results | Aquakem 7.2AQ1 | Page: 2

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM | Instrument ID : Konelab

7/7/2025 13:53

Test: Total CN

| Sample Id | Result | Dil. 1 + | Response | Errors |
|---|---|---|---|---|
| Q2497-17 | -0.437 | 0.0 | 0.000 | |
| Q2497-18 | 1.418 | 0.0 | 0.002 | |
| Q2497-19 | 2.408 | 0.0 | 0.003 | |
| Q2497-20 | 0.411 | 0.0 | 0.001 | |
| Q2497-20DUP | 0.681 | 0.0 | 0.001 | |
| Q2497-20MS | 39.016 | 0.0 | 0.031 | |
| Q2497-20MSD | 43.744 | 0.0 | 0.034 | |
| CCV6 | 249.172 | 0.0 | 0.192 | |
| CCB6 | 0.540 | 0.0 | 0.001 | |
| PB168729BL | 0.128 | 0.0 | 0.001 | |
| CCV7 | 249.390 | 0.0 | 0.192 | |
| CCB7 | -0.041 | 0.0 | 0.001 | |

| | |
|---|---|
| N | 67 |
| Mean | 40.966 |
| SD | 94.2369 |
| CV% | 230.04 |

Aquakem v. 7.2AQ1
Results from time period:
Mon Jul 07 10:39:33 2025
Mon Jul 07 13:45:41 2025

| Sample Id | Sam/Ctr/cA | Test short r | Test type | Result | Result unit | Result date and time | Stat |
|---|---|---|---|---|---|---|---|
| 0.0PPBCN | A | Total CN | P | -0.2651 | µg/l | 7/7/2025 10:39:33 | |
| 5.0PPBCN | A | Total CN | P | 4.4801 | µg/l | 7/7/2025 10:39:34 | |
| 10PPBCN | A | Total CN | P | 9.527 | µg/l | 7/7/2025 10:39:35 | |
| 50PPBCN | A | Total CN | P | 49.6599 | µg/l | 7/7/2025 10:39:36 | |
| 100PPBCN | A | Total CN | P | 100.7266 | µg/l | 7/7/2025 10:39:37 | |
| 250PPBCN | A | Total CN | P | 251.9362 | µg/l | 7/7/2025 10:39:38 | |
| 500PPBCN | A | Total CN | P | 498.9352 | µg/l | 7/7/2025 10:39:39 | |
| ICV1 | S | Total CN | P | 98.0524 | µg/l | 7/7/2025 12:32:19 | |
| ICB1 | S | Total CN | P | 0.5569 | µg/l | 7/7/2025 12:32:21 | |
| CCV1 | S | Total CN | P | 246.8252 | µg/l | 7/7/2025 12:32:23 | |
| CCB1 | S | Total CN | P | 0.2795 | µg/l | 7/7/2025 12:32:25 | |
| PB168730BL | S | Total CN | P | 0.008 | µg/l | 7/7/2025 12:32:28 | |
| PB168730BS | S | Total CN | P | 98.4719 | µg/l | 7/7/2025 12:39:54 | |
| LOWPB168730 | S | Total CN | P | 9.8813 | µg/l | 7/7/2025 12:39:55 | |
| HIGHPB168730 | S | Total CN | P | 491.6835 | µg/l | 7/7/2025 12:39:58 | |
| Q2494-01 | S | Total CN | P | 3.8409 | µg/l | 7/7/2025 12:39:59 | |
| Q2494-02 | S | Total CN | P | 0.806 | µg/l | 7/7/2025 12:40:00 | |
| Q2494-03 | S | Total CN | P | 0.1904 | µg/l | 7/7/2025 12:40:01 | |
| Q2494-04 | S | Total CN | P | 0.4715 | µg/l | 7/7/2025 12:40:02 | |
| Q2494-05 | S | Total CN | P | 21.7803 | µg/l | 7/7/2025 12:40:03 | |
| Q2494-06 | S | Total CN | P | 2.4926 | µg/l | 7/7/2025 12:40:04 | |
| CCV2 | S | Total CN | P | 240.8428 | µg/l | 7/7/2025 12:47:29 | |
| CCB2 | S | Total CN | P | 0.1968 | µg/l | 7/7/2025 12:47:30 | |
| Q2494-07 | S | Total CN | P | -0.096 | µg/l | 7/7/2025 12:47:31 | |
| Q2494-08 | S | Total CN | P | 0.2075 | µg/l | 7/7/2025 12:47:32 | |
| Q2494-09 | S | Total CN | P | 0.9546 | µg/l | 7/7/2025 12:47:33 | |
| Q2494-10 | S | Total CN | P | 1.2418 | µg/l | 7/7/2025 12:47:34 | |
| Q2494-11 | S | Total CN | P | 0.6713 | µg/l | 7/7/2025 12:47:35 | |
| Q2494-12 | S | Total CN | P | 1.0552 | µg/l | 7/7/2025 12:47:36 | |
| Q2494-13 | S | Total CN | P | -0.085 | µg/l | 7/7/2025 12:47:37 | |
| Q2497-21 | S | Total CN | P | 0.0531 | µg/l | 7/7/2025 12:47:38 | |
| Q2497-22 | S | Total CN | P | 0.5017 | µg/l | 7/7/2025 12:47:39 | |
| Q2497-23 | S | Total CN | P | 6.8201 | µg/l | 7/7/2025 12:55:04 | |
| CCV3 | S | Total CN | P | 241.5401 | µg/l | 7/7/2025 12:55:05 | |
| CCB3 | S | Total CN | P | 0.063 | µg/l | 7/7/2025 12:55:06 | |
| Q2498-01 | S | Total CN | P | 1.4464 | µg/l | 7/7/2025 12:55:07 | |
| Q2498-02 | S | Total CN | P | 1.3498 | µg/l | 7/7/2025 12:55:08 | |
| Q2498-03 | S | Total CN | P | 1.3859 | µg/l | 7/7/2025 12:55:09 | |
| Q2498-03DUP | S | Total CN | P | 1.2667 | µg/l | 7/7/2025 12:55:10 | |

| | | | | | |
|---|---|---|---|---|---|
| Q2498-03MS | S | Total CN | P | 38.3397 µg/l | 7/7/2025 12:55:11 |
| Q2498-03MSD | S | Total CN | P | 39.173 µg/l | 7/7/2025 12:55:12 |
| PB168729BS | S | Total CN | P | 100.8876 µg/l | 7/7/2025 12:55:13 |
| Q2497-01 | S | Total CN | P | 5.938 µg/l | 7/7/2025 12:55:14 |
| Q2497-02 | S | Total CN | P | 3.9514 µg/l | 7/7/2025 13:02:39 |
| Q2497-03 | S | Total CN | P | 0.3997 µg/l | 7/7/2025 13:02:40 |
| CCV4 | S | Total CN | P | 241.5939 µg/l | 7/7/2025 13:02:41 |
| CCB4 | S | Total CN | P | 0.3413 µg/l | 7/7/2025 13:02:42 |
| Q2497-04 | S | Total CN | P | 0.3889 µg/l | 7/7/2025 13:02:43 |
| Q2497-05 | S | Total CN | P | 0.1707 µg/l | 7/7/2025 13:02:44 |
| Q2497-06 | S | Total CN | P | -0.1059 µg/l | 7/7/2025 13:02:45 |
| Q2497-07 | S | Total CN | P | 0.1202 µg/l | 7/7/2025 13:02:46 |
| Q2497-08 | S | Total CN | P | 0.6078 µg/l | 7/7/2025 13:02:47 |
| Q2497-09 | S | Total CN | P | 0.5467 µg/l | 7/7/2025 13:02:48 |
| Q2497-10 | S | Total CN | P | -0.0841 µg/l | 7/7/2025 13:02:49 |
| Q2497-11 | S | Total CN | P | 0.0615 µg/l | 7/7/2025 13:10:11 |
| Q2497-12 | S | Total CN | P | 0.2398 µg/l | 7/7/2025 13:10:12 |
| Q2497-13 | S | Total CN | P | 1.0334 µg/l | 7/7/2025 13:10:13 |
| CCV5 | S | Total CN | P | 245.4299 µg/l | 7/7/2025 13:10:14 |
| CCB5 | S | Total CN | P | 0.3539 µg/l | 7/7/2025 13:10:15 |
| Q2497-14 | S | Total CN | P | 0.231 µg/l | 7/7/2025 13:10:16 |
| Q2497-15 | S | Total CN | P | 1.0732 µg/l | 7/7/2025 13:10:17 |
| Q2497-16 | S | Total CN | P | 2.8669 µg/l | 7/7/2025 13:10:18 |
| Q2497-17 | S | Total CN | P | -0.4369 µg/l | 7/7/2025 13:10:19 |
| Q2497-18 | S | Total CN | P | 1.4179 µg/l | 7/7/2025 13:10:20 |
| Q2497-19 | S | Total CN | P | 2.4081 µg/l | 7/7/2025 13:10:21 |
| Q2497-20 | S | Total CN | P | 0.4106 µg/l | 7/7/2025 13:17:46 |
| Q2497-20DUP | S | Total CN | P | 0.681 µg/l | 7/7/2025 13:17:47 |
| Q2497-20MS | S | Total CN | P | 39.0156 µg/l | 7/7/2025 13:17:48 |
| Q2497-20MSD | S | Total CN | P | 43.744 µg/l | 7/7/2025 13:17:49 |
| CCV6 | S | Total CN | P | 249.172 µg/l | 7/7/2025 13:17:51 |
| CCB6 | S | Total CN | P | 0.54 µg/l | 7/7/2025 13:17:52 |
| PB168729BL | S | Total CN | P | 0.1285 µg/l | 7/7/2025 13:17:53 |
| CCV7 | S | Total CN | P | 249.3905 µg/l | 7/7/2025 13:17:56 |
| CCB7 | S | Total CN | P | -0.0413 µg/l | 7/7/2025 13:20:34 |

Calibration results  Aquakem 7.2AQ1  

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM  Instrument ID : Konelab

7/7/2025 11:40

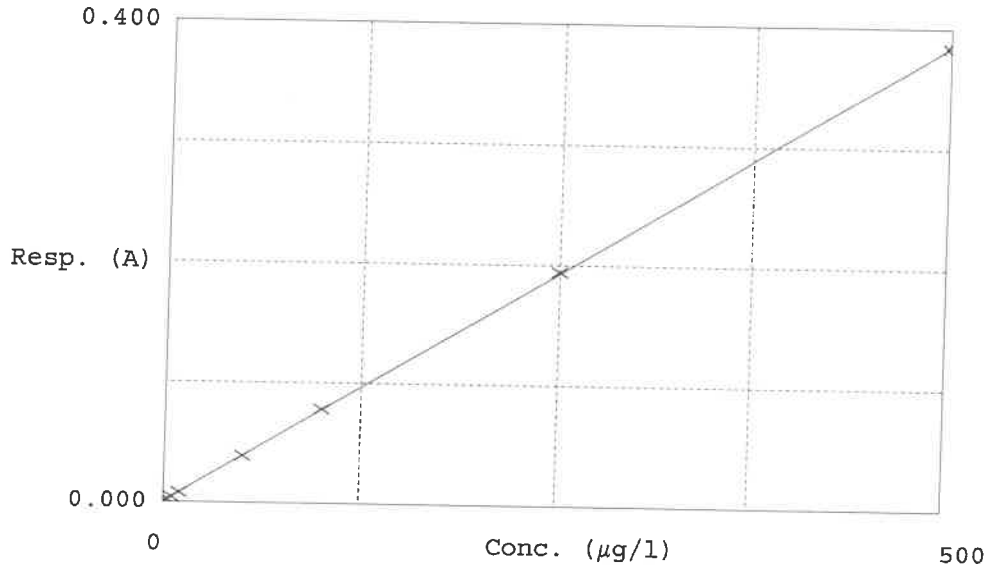
Test Total CN

Accepted 7/7/2025 10:50

Factor 1302
Bias 0.001

Coeff. of det. 0.999970

Errors




| | Calibrator | Response | Calc. con. | Conc. | Errors |
|---|---|---|---|---|---|
| 1 | 0.0PPBCN | 0.001 | -0.2651 | 0.0000 | - |
| 2 | 5.0PPBCN | 0.004 | 4.4801 | 5.0000 | -10.4 |
| 3 | 10PPBCN | 0.008 | 9.5270 | 10.0000 | -4.7 |
| 4 | 50PPBCN | 0.039 | 49.6599 | 50.0000 | -0.7 |
| 5 | 100PPBCN | 0.078 | 100.7266 | 100.0000 | 0.7 |
| 6 | 250PPBCN | 0.194 | 251.9362 | 250.0000 | 0.8 |
| 7 | 500PPBCN | 0.384 | 498.9352 | 500.0000 | -0.2 |

16

07/07/2025
RM

Alliance TECHNICAL GROUP

# Soil/Sludge Cyanide Preparation Sheet

PB168729

**SOP ID :** M9012B-Total, Amenable and Reactive Cyanide-21

**SDG No :** N/A

**Matrix :** SOIL

**Pippete ID :** WC

**Balance ID :** WC SC-7

**Hood ID :** HOOD#1

**Block ID :** MC-1,MC-2

**Weigh By :** JP

**Start Digest Date:** 07/03/2025 **Time :** 10:00 **Temp :** 124 °C

**End Digest Date:** 07/03/2025 **Time :** 11:30 **Temp :** 126 °C

07/03/2025 12:00 123 c

07/03/2025 13:30 126 c

**Digestion tube ID :** M5595

**Filter paper ID :** N/A

**pH Meter ID :** N/A

**Block Thermometer ID :** WC CYANIDE

**Prep Technician Signature:** JP

**Supervisor Signature:** 12

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LCSS | 1.0ML | WP112995 |
| MS/MSD SPIKE SOL. | 0.40ML | WP113319 |
| PBS003 | 50.0ML | W3112 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| 0.25N NaOH | 50.0ML | WP111294 |
| 50% v/v H2SO4 | 5.0ML | WP112826 |
| 51% w/v MgCL2 | 2.0ML | WP112827 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| 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 |
| S10.0 | 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 | N/A | AS PER PB168703 |
| ICB | ICB | N/A | N/A |
| CCV | CCV | N/A | N/A |
| CCB | CCB | N/A | N/A |
| Midrange | Midrange | N/A | N/A |
| HIGHSTD | HIGHSTD | N/A | AS PER PB168703 |
| LOWSTD | LOWSTD | N/A | AS PER PB168703 |

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

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 07/03/2025 13:40 | JP / WC | RM (WC) |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Soil/Sludge Cyanide Preparation Sheet**

**PB168729**

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Sulfide | Oxidizing | Nitrate/ Nitrite | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|
| PB168729BL | PBS729 | 1.00 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| PB168729BS | LCS729 | 1.00 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-01 | SW BEDROOM (SAN | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-02 | SALMAN S ROOM SE | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-03 | SANAH S ROOM BED | 1.03 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-04 | SALMAN S ROOM M | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-05 | MASTER BED MATTR | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-06 | KAIHAAN S ROOM M | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-07 | GARAGE FOAM YOG | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-08 | LIVING ROOM WEST | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-09 | ENTRANCE RUG | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-10 | SOUTH EXTERIOR RE | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-11 | GARAGE GYM FLOOR | 1.03 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-12 | RUG BY THE BACK D | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-13 | GUEST BED MATTRE | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-14 | GARAGE BACKYARD | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-15 | LR SW CONNER CHAI | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-16 | LIVING ROOM NE CO | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-17 | DINING ROOM SW C | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-18 | LR SW RUG CORNER | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-19 | LR WEST WALL PLUG | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-20 | LR NE CORNER PLUG | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-20DUP | LR NE CORNER PLUGDUP | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-20MS | LR NE CORNER PLUGMS | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-20MSD | LR NE CORNER PLUGMSD | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** cn-q2497 **WorkList ID :** 190528 **Department :** Distillation **Date :** 07-03-2025 08:22:12

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2497-01 | SW bedroom (San | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-02 | Salman s room SE | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-03 | Sanah s room bed | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-04 | Salman s room m | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-05 | Master bed mattr | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-06 | Kaihaan s room m | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-07 | Garage foam yog | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-08 | Living room west | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-09 | Entrance rug | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-10 | south exterior re | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-11 | Garage gym floor | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-12 | Rug by the back d | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-13 | Guest bed mattre | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | 9012B |
| Q2497-14 | Garage backyard | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2497-15 | LR SW conner chai | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2497-16 | Living room NE co | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2497-17 | Dining room SW c | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2497-18 | LR SW rug corner | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2497-19 | LR west wall plug | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2497-20 | LR NE corner plug | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |

**Date/Time** 07/03/2025 09.00
**Raw Sample Received by:**
**Raw Sample Relinquished by:**



**Date/Time** 07/03/2025 12.30
**Raw Sample Received by:**
**Raw Sample Relinquished by:**

Alliance TECHNICAL GROUP

**Soil/Sludge Cyanide Preparation Sheet**

PB168730

**SOP ID :** M9012B-Total, Amenable and Reactive Cyanide-21

**SDG No :** N/A

**Matrix :** SOIL

**Pippete ID :** WC

**Balance ID :** WC SC-7

**Hood ID :** HOOD#1

**Block ID :** MC-1,MC-2

**Weigh By :** JP

**Start Digest Date:** 07/07/2025 **Time :** 08:00 **Temp :** 124 °C

**End Digest Date:** 07/07/2025 **Time :** 09:30 **Temp :** 126 °C

If batch 07/07/2025 10:05 124 c
07/07/2025 11:40 126 c

**Digestion tube ID :** M5595

**Filter paper ID :** N/A

**pH Meter ID :** N/A

**Block Thermometer ID :** WC CYANIDE

**Prep Technician Signature:** JP

**Supervisor Signature:** JR

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LCSS | 1.0ML | WP112995 |
| MS/MSD SPIKE SOL. | 0.40ML | WP113319 |
| PBS003 | 50.0ML | W3112 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| 0.25N NaOH | 50.0ML | WP111294 |
| 50% v/v H2SO4 | 5.0ML | WP112826 |
| 51% w/v MgCL2 | 2.0ML | WP112827 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| 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 |
| S10.0 | 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 |
| CCB | CCB | N/A | N/A |
| Midrange | Midrange | N/A | N/A |
| HIGHSTD | HIGHSTD | 5.0ML | WP113319 |
| LOWSTD | LOWSTD | 0.1ML | WP113319 |

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

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 07/07/2025 11:50 | JP (WC) | RM (WC) |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

## Soil/Sludge Cyanide Preparation Sheet

**PB168730**

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Sulfide | Oxidizing | Nitrate/ Nitrite | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|
| PB168730BL | PBS730 | 1.00 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| PB168730BS | LCS730 | 1.00 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-01 | PLAYHOUSE/STORAG | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-02 | PLAYHOUSE/STORAG | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-03 | GARAGE SEAT FOA | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-04 | BLACK FOAM IN SOU | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-05 | KIDS ROOM STYOF | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-06 | KIDS ROOM LOWER | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-07 | KIDS ROOM STYOF | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-08 | DOG BEG FOAM | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-09 | COTTON LAYER - OTT | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-10 | FOAM OTTOMAN | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-11 | FOYER NORTH WALL | 1.03 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-12 | NE STUCCO EXTERIO | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2494-13 | MASTER MATTRESS | 1.03 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-21 | OFFICE EAST WALL PL | 1.01 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-22 | BEDROOM NORTH W | 1.04 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2497-23 | KITCHEM CEILING PL | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2498-01 | NE BD BED FOAM | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2498-02 | NE BD PILLOW FOA | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2498-03 | MASTER BED NE M | 1.03 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2498-03DUP | MASTER BED NE MDUP | 1.03 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2498-03MS | MASTER BED NE MMS | 1.02 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q2498-03MSD | MASTER BED NE MMSD | 1.03 | 50 | N/A | N/A | N/A | N/A | N/A | N/A |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** cn-q2494 **WorkList ID :** 190529 **Department :** Distillation **Date :** 07-03-2025 08:22:30

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2494-01 | Playhouse/Storag | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-02 | Playhouse/Storag | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-03 | Garage Seat Foa | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-04 | Black foam in Sou | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-05 | Kids Room styof | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-06 | Kids Room Lower | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-07 | Kids Room styof | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-08 | Dog Beg Foam | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-09 | Cotton Layer - Ott | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-10 | Foam Ottoman | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-11 | Foyer North Wall | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-12 | NE Stucco Exterio | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2494-13 | Master Mattress | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2497-21 | office east wall pl | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | 9012B |
| Q2497-22 | Bedroom north w | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2497-23 | Kitchem ceiling pl | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2498-01 | NE Bd bed foam | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | 9012B |
| Q2498-02 | NE Bd pillow foa | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/20/2025 | 9012B |
| Q2498-03 | Master bed NE m | Solid | Cyanide | Cool 4 deg C | SUMM04 | A61 | 06/20/2025 | 9012B |

**Date/Time** 07/07/2025 07:25
**Raw Sample Received by:**
**Raw Sample Relinquished by:**



**Date/Time** 07/07/2025 10:30
**Raw Sample Received by:**
**Raw Sample Relinquished by:**

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

**Instrument ID:** KONELAB

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136384

| | | | |
|---|---|---|---|
| Review By | rubina | Review On | 7/8/2025 1:11:23 PM |
| Supervise By | Iwona | Supervise On | 7/8/2025 1:14:31 PM |
| SubDirectory | LB136384 | Test | Cyanide |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | WP113823,WP113824,WP113825,WP113826,WP113827,WP113828,WP113829 |
| ICV Standard | W3012 |
| CCV Standard | WP113824 |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | WP112995 |
| Chk Standard | WP112643,WP112900,WP113831 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | 0.0PPBCN | 0.0PPBCN | CAL1 | 07/07/25 10:39 | | rubina | OK |
| 2 | 5.0PPBCN | 5.0PPBCN | CAL2 | 07/07/25 10:39 | | rubina | OK |
| 3 | 10PPBCN | 10PPBCN | CAL3 | 07/07/25 10:39 | | rubina | OK |
| 4 | 50PPBCN | 50PPBCN | CAL4 | 07/07/25 10:39 | | rubina | OK |
| 5 | 100PPBCN | 100PPBCN | CAL5 | 07/07/25 10:39 | | rubina | OK |
| 6 | 250PPBCN | 250PPBCN | CAL6 | 07/07/25 10:39 | | rubina | OK |
| 7 | 500PPBCN | 500PPBCN | CAL7 | 07/07/25 10:39 | | rubina | OK |
| 8 | ICV1 | ICV1 | ICV | 07/07/25 12:32 | | rubina | OK |
| 9 | ICB1 | ICB1 | ICB | 07/07/25 12:32 | | rubina | OK |
| 10 | CCV1 | CCV1 | CCV | 07/07/25 12:32 | | rubina | OK |
| 11 | CCB1 | CCB1 | CCB | 07/07/25 12:32 | | rubina | OK |
| 12 | PB168730BL | PB168730BL | MB | 07/07/25 12:32 | | rubina | OK |
| 13 | PB168730BS | PB168730BS | LCS | 07/07/25 12:39 | | rubina | OK |
| 14 | LOWPB168730 | LOWPB168730 | SAM | 07/07/25 12:39 | | rubina | OK |
| 15 | HIGHPB168730 | HIGHPB168730 | SAM | 07/07/25 12:39 | | rubina | OK |
| 16 | Q2494-01 | Playhouse/Storag | SAM | 07/07/25 12:39 | | rubina | OK |
| 17 | Q2494-02 | Playhouse/Storag | SAM | 07/07/25 12:40 | | rubina | OK |
| 18 | Q2494-03 | Garage Seat Foa | SAM | 07/07/25 12:40 | | rubina | OK |

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**Instrument ID:** KONELAB

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136384

| | | | |
|---|---|---|---|
| Review By | rubina | Review On | 7/8/2025 1:11:23 PM |
| Supervise By | Iwona | Supervise On | 7/8/2025 1:14:31 PM |
| SubDirectory | LB136384 | Test | Cyanide |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | WP113823,WP113824,WP113825,WP113826,WP113827,WP113828,WP113829 |
| ICV Standard | W3012 |
| CCV Standard | WP113824 |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | WP112995 |
| Chk Standard | WP112643,WP112900,WP113831 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2494-04 | Black foam in Sou | SAM | 07/07/25 12:40 | | rubina | OK |
| 20 | Q2494-05 | Kids Room styof | SAM | 07/07/25 12:40 | | rubina | OK |
| 21 | Q2494-06 | Kids Room Lower | SAM | 07/07/25 12:40 | | rubina | OK |
| 22 | CCV2 | CCV2 | CCV | 07/07/25 12:47 | | rubina | OK |
| 23 | CCB2 | CCB2 | CCB | 07/07/25 12:47 | | rubina | OK |
| 24 | Q2494-07 | Kids Room styof | SAM | 07/07/25 12:47 | | rubina | OK |
| 25 | Q2494-08 | Dog Beg Foam | SAM | 07/07/25 12:47 | | rubina | OK |
| 26 | Q2494-09 | Cotton Layer - Ott | SAM | 07/07/25 12:47 | | rubina | OK |
| 27 | Q2494-10 | Foam Ottoman | SAM | 07/07/25 12:47 | | rubina | OK |
| 28 | Q2494-11 | Foyer North Wall | SAM | 07/07/25 12:47 | | rubina | OK |
| 29 | Q2494-12 | NE Stucco Exterio | SAM | 07/07/25 12:47 | | rubina | OK |
| 30 | Q2494-13 | Master Mattress | SAM | 07/07/25 12:47 | | rubina | OK |
| 31 | Q2497-21 | office east wall pl | SAM | 07/07/25 12:47 | | rubina | OK |
| 32 | Q2497-22 | Bedroom north w | SAM | 07/07/25 12:47 | | rubina | OK |
| 33 | Q2497-23 | Kitchem ceiling pl | SAM | 07/07/25 12:55 | | rubina | OK |
| 34 | CCV3 | CCV3 | CCV | 07/07/25 12:55 | | rubina | OK |
| 35 | CCB3 | CCB3 | CCB | 07/07/25 12:55 | | rubina | OK |
| 36 | Q2498-01 | NE Bd bed foam | SAM | 07/07/25 12:55 | | rubina | OK |
| 37 | Q2498-02 | NE Bd pillow foa | SAM | 07/07/25 12:55 | | rubina | OK |
| 38 | Q2498-03 | Master bed NE m | SAM | 07/07/25 12:55 | | rubina | OK |

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**Instrument ID:** KONELAB

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136384

| | | | |
|---|---|---|---|
| Review By | rubina | Review On | 7/8/2025 1:11:23 PM |
| Supervise By | Iwona | Supervise On | 7/8/2025 1:14:31 PM |
| SubDirectory | LB136384 | Test | Cyanide |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | WP113823,WP113824,WP113825,WP113826,WP113827,WP113828,WP113829 |
| ICV Standard | W3012 |
| CCV Standard | WP113824 |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | WP112995 |
| Chk Standard | WP112643,WP112900,WP113831 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 39 | Q2498-03DUP | Master bed NE mDUP | DUP | 07/07/25 12:55 | | rubina | OK |
| 40 | Q2498-03MS | Master bed NE mMS | MS | 07/07/25 12:55 | | rubina | OK |
| 41 | Q2498-03MSD | Master bed NE mMSD | MSD | 07/07/25 12:55 | | rubina | OK |
| 42 | PB168729BS | PB168729BS | LCS | 07/07/25 12:55 | | rubina | OK |
| 43 | Q2497-01 | SW bedroom (San | SAM | 07/07/25 12:55 | | rubina | OK |
| 44 | Q2497-02 | Salman s room SE | SAM | 07/07/25 13:02 | | rubina | OK |
| 45 | Q2497-03 | Sanah s room bed | SAM | 07/07/25 13:02 | | rubina | OK |
| 46 | CCV4 | CCV4 | CCV | 07/07/25 13:02 | | rubina | OK |
| 47 | CCB4 | CCB4 | CCB | 07/07/25 13:02 | | rubina | OK |
| 48 | Q2497-04 | Salman s room m | SAM | 07/07/25 13:02 | | rubina | OK |
| 49 | Q2497-05 | Master bed mattr | SAM | 07/07/25 13:02 | | rubina | OK |
| 50 | Q2497-06 | Kaihaan s room m | SAM | 07/07/25 13:02 | | rubina | OK |
| 51 | Q2497-07 | Garage foam yog | SAM | 07/07/25 13:02 | | rubina | OK |
| 52 | Q2497-08 | Living room west | SAM | 07/07/25 13:02 | | rubina | OK |
| 53 | Q2497-09 | Entrance rug | SAM | 07/07/25 13:02 | | rubina | OK |
| 54 | Q2497-10 | south exterior re | SAM | 07/07/25 13:02 | | rubina | OK |
| 55 | Q2497-11 | Garage gym floor | SAM | 07/07/25 13:10 | | rubina | OK |
| 56 | Q2497-12 | Rug by the back d | SAM | 07/07/25 13:10 | | rubina | OK |
| 57 | Q2497-13 | Guest bed mattre | SAM | 07/07/25 13:10 | | rubina | OK |
| 58 | CCV5 | CCV5 | CCV | 07/07/25 13:10 | | rubina | OK |

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**Instrument ID:** KONELAB

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136384

| | | | |
|---|---|---|---|
| Review By | rubina | Review On | 7/8/2025 1:11:23 PM |
| Supervise By | Iwona | Supervise On | 7/8/2025 1:14:31 PM |
| SubDirectory | LB136384 | Test | Cyanide |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | WP113823,WP113824,WP113825,WP113826,WP113827,WP113828,WP113829 |
| ICV Standard | W3012 |
| CCV Standard | WP113824 |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | WP112995 |
| Chk Standard | WP112643,WP112900,WP113831 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 59 | CCB5 | CCB5 | CCB | 07/07/25 13:10 | | rubina | OK |
| 60 | Q2497-14 | Garage backyard | SAM | 07/07/25 13:10 | | rubina | OK |
| 61 | Q2497-15 | LR SW conner chai | SAM | 07/07/25 13:10 | | rubina | OK |
| 62 | Q2497-16 | Living room NE co | SAM | 07/07/25 13:10 | | rubina | OK |
| 63 | Q2497-17 | Dining room SW c | SAM | 07/07/25 13:10 | | rubina | OK |
| 64 | Q2497-18 | LR SW rug corner | SAM | 07/07/25 13:10 | | rubina | OK |
| 65 | Q2497-19 | LR west wall plug | SAM | 07/07/25 13:10 | | rubina | OK |
| 66 | Q2497-20 | LR NE corner plug | SAM | 07/07/25 13:17 | | rubina | OK |
| 67 | Q2497-20DUP | LR NE corner plugDU | DUP | 07/07/25 13:17 | | rubina | OK |
| 68 | Q2497-20MS | LR NE corner plugMS | MS | 07/07/25 13:17 | | rubina | OK |
| 69 | Q2497-20MSD | LR NE corner plugMS | MSD | 07/07/25 13:17 | | rubina | OK |
| 70 | CCV6 | CCV6 | CCV | 07/07/25 13:17 | | rubina | OK |
| 71 | CCB6 | CCB6 | CCB | 07/07/25 13:17 | | rubina | OK |
| 72 | PB168729BL | PB168729BL | MB | 07/07/25 13:17 | | rubina | OK |
| 73 | CCV7 | CCV7 | CCV | 07/07/25 13:17 | | rubina | OK |
| 74 | CCB7 | CCB7 | CCB | 07/07/25 13:20 | | rubina | OK |

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# Prep Standard - Chemical Standard Summary

**Order ID :** Q2497

**Test :** Cyanide,Percent Solids

**Prepbatch ID :** PB168729,PB168730,

**Sequence ID/Qc Batch ID:** LB136384,

**Standard ID :**
WP111294,WP112643,WP112826,WP112827,WP112900,WP112995,WP113319,WP113822,WP113823,WP113824,WP113825,WP113826,WP113827,WP113828,WP113829,WP113831,

**Chemical ID :**
M6041,M6151,W2668,W3012,W3019,W3112,W3113,W3139,W3152,W3173,W3203,W3214,

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Fax : 908 789 8922

# Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 11 | Sodium hydroxide absorbing solution 0.25 N | WP111294 | 01/07/2025 | 07/07/2025 | Niha Farheen Shaik | WETCHEM_SCALE_5 (WCSC-5) | None | Iwona Zarych 01/07/2025 |

**FROM** 21.00000L of W3112 + 210.00000gram of W3113 = Final Quantity: 21.000 L

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 539 | CN BUFFER | WP112643 | 04/09/2025 | 10/09/2025 | Niha Farheen Shaik | WETCHEM_SCALE_5 (WCSC-5) | None | Iwona Zarych 04/09/2025 |

**FROM** 138.00000gram of W2668 + 862.00000ml of W3112 = Final Quantity: 1000.000 ml

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# Wet Chemistry STANDARD PREPARATION LOG

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

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

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3214 | Magnesium Chloride For Cyanide 2.5M(51%W/V) | WP112827 | 04/25/2025 | 10/25/2025 | Rubina Mughal | WETCHEM_SCALE_8 (WCSC-7) | None | Iwona Zarych 04/25/2025 |

**FROM** 500.00000ml of W3112 + 510.00000gram of W3152 = Final Quantity: 1000.000 ml

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# Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 607 | PYRIDINE-BARBITURIC ACID | WP112900 | 05/01/2025 | 08/18/2025 | Rubina Mughal | WETCHEM_SCALE_8 (WCSC-7) | Glass Pipette-A | Iwona Zarych 05/01/2025 |

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

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3371 | Cyanide LCS Spike Solution, 5PPM | WP112995 | 05/07/2025 | 07/07/2025 | Iwona Zarych | None | WETCHEM_PIPETTE_3 (WC) | Jignesh Parikh 05/07/2025 |

**FROM** 1.00000ml of W3173 + 199.00000ml of WP111294 = Final Quantity: 200.000 ml

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# Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3850 | Cyanide MS-MSD spiking solution, 5PPM | WP113319 | 06/02/2025 | 07/07/2025 | Rubina Mughal | None | WETCHEM_PIPETTE_3 (WC) | Iwona Zarych 06/02/2025 |

**FROM** 1.00000ml of W3214 + 199.00000ml of WP111294 = Final Quantity: 200.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3456 | Cyanide Intermediate Working Std, 5PPM | WP113822 | 07/07/2025 | 07/07/2025 | Rubina Mughal | None | WETCHEM_PIPETTE_3 (WC) | Iwona Zarych 07/07/2025 |

**FROM** 0.25000ml of W3214 + 49.75000ml of WP111294 = Final Quantity: 50.000 ml

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# Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4 | Calibation standard 500 ppb | WP113823 | 07/07/2025 | 07/07/2025 | Rubina Mughal | None | WETCHEM_PIPETTE_3 (WC) | Iwona Zarych 07/07/2025 |

**FROM** 45.00000ml of WP111294 + 5.00000ml of WP113822 = Final Quantity: 50.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3761 | Calibration-CCV CN Standard 250 ppb | WP113824 | 07/07/2025 | 07/07/2025 | Rubina Mughal | None | WETCHEM_PIPETTE_3 (WC) | Iwona Zarych 07/07/2025 |

**FROM** 2.50000ml of WP113822 + 47.50000ml of WP111294 = Final Quantity: 50.000 ml

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# Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 6 | Calibration Standard 100 ppb | WP113825 | 07/07/2025 | 07/07/2025 | Rubina Mughal | None | WETCHEM_PIPETTE_3 (WC) | Iwona Zarych 07/07/2025 |

**FROM** 1.00000ml of WP113822 + 48.00000ml of WP111294 = Final Quantity: 50.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 7 | Calibration Standard 50 ppb | WP113826 | 07/07/2025 | 07/07/2025 | Rubina Mughal | None | WETCHEM_PIPETTE_3 (WC) | Iwona Zarych 07/07/2025 |

**FROM** 0.50000ml of WP113822 + 49.50000ml of WP111294 = Final Quantity: 50.000 ml

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Fax : 908 789 8922

# Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 8 | Calibration Standard 10 ppb | WP113827 | 07/07/2025 | 07/07/2025 | Rubina Mughal | None | WETCHEM_PIPETTE_3 (WC) | Iwona Zarych 07/07/2025 |

**FROM** 1.00000ml of WP113823 + 49.00000ml of WP111294 = Final Quantity: 50.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 9 | Calibration Standard 5 ppb | WP113828 | 07/07/2025 | 07/07/2025 | Rubina Mughal | None | WETCHEM_PIPETTE_3 (WC) | Iwona Zarych 07/07/2025 |

**FROM** 0.50000ml of WP113823 + 49.50000ml of WP111294 = Final Quantity: 50.000 ml

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

# Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 167 | 0 ppb CN calibration std | WP113829 | 07/07/2025 | 07/07/2025 | Rubina Mughal | None | None | Iwona Zarych 07/07/2025 |

**FROM** 50.00000ml of WP111294 = Final Quantity: 50.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1582 | Chloramine T solution, 0.014M | WP113831 | 07/07/2025 | 07/08/2025 | Rubina Mughal | WETCHEM_SCALE_5 (WCSC-5) | Glass Pipette-A | Iwona Zarych 07/07/2025 |

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

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

# 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 | 08/18/2025 | 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 / Iwona | 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 |

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

# 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. | LC135457 / Cyanide Standard, 1000 PPM, Second Source | 45010168 | 07/17/2025 | 01/24/2025 / Iwona | 01/24/2025 / Iwona | W3173 |

| 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 |

Sigma-Aldrich.

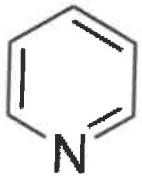
W3019
Rec 4/3/23

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

# Certificate of Analysis

Product Name:
**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 |
| Infrared Spectrum | Conforms to Structure | Conforms |
| Purity (GC) | ≥ 99.75 % | 99.99 % |
| Water (by Karl Fischer) | ≤ 0.003 % | 0.002 % |
| Residue on Evaporation | ≤ 0.0005 % | < 0.0001 % |

Larry Coers, Director
Quality Control
Sheboygan Falls, WI US

W3011
W3012
W3013
W3014
W3015

For ICP-MS use: dilute the ICV1 concentrate 50-fold with 1% (v/v) nitric acid; pipet 2 mL of the 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: dilute the ICV5 concentrate 100-fold with 2% (v/v) nitric acid; pipet 1 mL of the 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) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

**ICV6-0400** For the analysis of cyanide: dilute the ICV6 concentrate 100-fold with Type II water; pipet 1 mL of the 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 $K_3Fe(CN)_6$, 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** | 2520 | 504 |
| **Sb** | 1010 | 202 |
| **As** | 997 | 199 |
| **Ba** | 518 | 104 |
| **Be** | 514 | 103 |
| **Cd** | 514 | 103 |
| **Ca** | 10000 | 2000 |
| **Cr** | 517 | 103 |
| **Co** | 521 | 104 |
| **Cu** | 505 | 101 |
| **Fe** | 10100 | 2020 |
| **Pb** | 1030 | 206 |
| **Mg** | 5990 | 1198 |
| **Mn** | 524 | 105 |
| **Ni** | 525 | 105 |
| **K** | 9940 | 1988 |
| **Se** | 1030 | 206 |
| **Ag** | 252 | 50 |
| **Na** | 10100 | 2020 |
| **Tl** | 1040 | 208 |
| **V** | 504 | 101 |
| **Zn** | 1010 | 202 |

| ICV5-0415 | | ICV6-0400 | |
|---|---|---|---|
| **Element** | **Concentration (µg/L) (after 100-fold dilution)** | **Analyte** | **Concentration (µg/L) (after 100-fold dilution)** |
| **Hg** | 4.0 | **$CN^-$** | 99 |

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

M 6041-46
MS

avantor™ | J.T.Baker®

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 ($H_2SO_4$) | 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 ($NH_4$) | ≤ 1 ppm | 1 ppm |
| Chloride (Cl) | ≤ 0.1 ppm | < 0.1 ppm |
| Nitrate ($NO_3$) | ≤ 0.2 ppm | < 0.1 ppm |
| Phosphate ($PO_4$) | ≤ 0.5 ppm | < 0.1 ppm |
| Trace Impurities – Aluminum (Al) | ≤ 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 |
| Trace Impurities – Gold (Au) | ≤ 10.0 ppb | 0.5 ppb |
| Heavy Metals (as Pb) | ≤ 500.0 ppb | < 100.0 ppb |
| Trace Impurities – Iron (Fe) | ≤ 50.0 ppb | 1.3 ppb |
| Trace Impurities – Lead (Pb) | ≤ 0.5 ppb | < 0.5 ppb |
| Trace Impurities – Magnesium (Mg) | ≤ 7.0 ppb | 0.8 ppb |
| Trace Impurities – Manganese (Mn) | ≤ 1.0 ppb | < 0.4 ppb |
| Trace Impurities – Mercury (Hg) | ≤ 0.5 ppb | < 0.1 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 2.0 ppb | 0.3 ppb |
| Trace Impurities – Potassium (K) | ≤ 500.0 ppb | < 2.0 ppb |
| Trace Impurities – Selenium (Se) | ≤ 50.0 ppb | < 0.1 ppb |
| Trace Impurities – Silicon (Si) | ≤ 100.0 ppb | 31.5 ppb |
| Trace 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

avantor™ | J.T.Baker®

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

| Test | 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

James T Ethier

Jamie Ethier
Vice President Global Quality

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

avantor™ | J.T.Baker®

M6151

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 HCl) (by acid-base titrn) | 36.5 – 38.0 % | 37.9 % |
| ACS – Color (APHA) | ≤ 10 | 5 |
| ACS – Residue after Ignition | ≤ 3 ppm | < 1 ppm |
| ACS – Specific Gravity at 60°/60°F | 1.185 – 1.192 | 1.191 |
| ACS – Bromide (Br) | ≤ 0.005 % | < 0.005 % |
| ACS – Extractable Organic Substances | ≤ 5 ppm | < 1 ppm |
| ACS – Free Chlorine (as $Cl_2$) | ≤ 0.5 ppm | < 0.5 ppm |
| Phosphate ($PO_4$) | ≤ 0.05 ppm | < 0.03 ppm |
| Sulfate ($SO_4$) | ≤ 0.5 ppm | < 0.3 ppm |
| Sulfite ($SO_3$) | ≤ 0.8 ppm | 0.3 ppm |
| Ammonium ($NH_4$) | ≤ 3 ppm | < 1 ppm |
| Trace Impurities – Arsenic (As) | ≤ 0.010 ppm | < 0.003 ppm |
| Trace Impurities – Aluminum (Al) | ≤ 10.0 ppb | 1.3 ppb |
| Arsenic and Antimony (as As) | ≤ 5.0 ppb | < 3.0 ppb |
| Trace Impurities – Barium (Ba) | ≤ 1.0 ppb | 0.2 ppb |
| Trace Impurities – Beryllium (Be) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Bismuth (Bi) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Boron (B) | ≤ 20.0 ppb | < 5.0 ppb |
| Trace Impurities – Cadmium (Cd) | ≤ 1.0 ppb | < 0.3 ppb |
| Trace Impurities – Calcium (Ca) | ≤ 50.0 ppb | 163.0 ppb |
| Trace Impurities – Chromium (Cr) | ≤ 1.0 ppb | 0.7 ppb |
| Trace Impurities – Cobalt (Co) | ≤ 1.0 ppb | < 0.3 ppb |
| Trace Impurities – Copper (Cu) | ≤ 1.0 ppb | < 0.1 ppb |
| Trace Impurities – Gallium (Ga) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Germanium (Ge) | ≤ 3.0 ppb | < 2.0 ppb |
| Trace Impurities – Gold (Au) | ≤ 4.0 ppb | 0.6 ppb |
| Heavy Metals (as Pb) | ≤ 100 ppb | < 50 ppb |
| Trace Impurities – Iron (Fe) | ≤ 15 ppb | 6 ppb |

>>> Continued on page 2 >>>

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

avantor™ | J.T.Baker®

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 (Tl) | ≤ 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 |
| Trace Impurities - Vanadium (V) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities - Zinc (Zn) | ≤ 5.0 ppb | 0.8 ppb |
| Trace 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

avantor™ | J.T.Baker®

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

| Test | Specification | Result |
|---|---|---|

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

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

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,

| Test | Specification | Result |
|---|---|---|
| Assay ($NaH_2PO_4 \cdot H_2O$) | 98.0 - 102.0 % | 99.5 |
| pH of 5% Solution at 25°C | 4.1 - 4.5 | 4.3 |
| Insoluble Matter | <= 0.01 % | < 0.01 |
| Chloride (Cl) | <= 5 ppm | < 5 |
| ACS - Sulfate ($SO_4$) | <= 0.003 % | < 0.003 |
| Calcium (Ca) | <= 0.005 % | <0.005 |
| Potassium (K) | <= 0.01 % | < 0.01 |
| Heavy Metals (as Pb) | <= 0.001 % | < 0.001 |
| Trace Impurities - Iron (Fe) | <= 0.001 % | < 0.001 |

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

Country of Origin: IN
Packaging Site: Paris Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

# Certificate of Analysis

# Sodium Hydroxide (Pellets)

**Material:** 0583

**Grade:** ACS GRADE

**Batch Number:** 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Pellets

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

| 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 |

Internal ID #: 710

## Signature

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

## Additional Information

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

Product meets analytical specifications of the grades listed.

# Certificate of Analysis

# Sodium Hydroxide (Pellets)

**Material:** **0583**

**Grade:** **ACS GRADE**

**Batch Number:** **23B1556310**

| | | | |
|---|---|---|---|
| Chemical Formula: | NaOH | Manufacture Date: | 12/14/2022 |
| Molecular Weight: | 40 | Expiration Date: | 12/31/2025 |
| CAS #: | 1310-73-2 | | |
| Appearance: | | Storage: | Room Temperature |

Pellets

Spec Set: 0583ACS

Internal ID #: 710

## Signature

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

## Additional Information

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

Product meets analytical specifications of the grades listed.

ThermoFisher SCIENTIFIC

# Certificate of Analysis

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.**

W3152 Received on 11/25/24 by IZ

# *Chem-Impex International, Inc.*

**Tel: (630) 766-2112**
**Fax: (630) 766-2218**
**E-mail: sales@chemimpex.com**
**Web site: www.chemimpex.com**
**Shipping and Correspondence:**
935 Dillon Drive
Wood Dale, IL 60191
**Manufacturing site:**
825 Dillon Drive
Wood Dale, IL 60191

## *Certificate of Analysis*

| | |
|---|---|
| **Catalogue Number** | 01237 |
| **Lot Number** | 002126-2019-201 |
| **Product** | **Magnesium chloride hexahydrate** |
| | Magnesium chloride•$6H_2O$ |
| **CAS Number** | 7791-18-6 |
| **Molecular Formula** | $MgCl_2$•$6H_2O$ |
| **Molecular Weight** | 203.3 |

| | |
|---|---|
| **Appearance** | White crystals |
| **Solubility** | 167 g in 100 mL water |
| **Melting Point** | ~ 115 °C |
| **Heavy Metals** | 4.393 ppm |
| **Anion** | Nitrate ($NO_3$) : < 0.001%<br>Phosphate ($PO_4$) : < 5 ppm<br>Sulfate ($SO_4$) : < 0.002% |
| **Cation** | Ammonium ($NH_4$) : < 0.002%<br>Barium (Ba) : 0.005%<br>Calcium (Ca) : 0.01%<br>Iron (Fe) : 4.5 ppm<br>Manganese (Mn) : 0.624 ppm<br>Potassium (K) : 0.004%<br>Sodium (Na) : 0.000003%<br>Strontium (Sr) : 0.005% |
| **Insoluble material** | 0.0021% |
| **Assay by titration** | 100.83% |
| **Grade** | ACS reagent |
| **Storage** | Store at RT |

# *Certificate of Analysis*

**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**

LabChem
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: January 16, 2025

Lot Number: **45010168**

Expiration Date: July 17, 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***

| Suffix | 1 | 2 | 3/3S/36/36S | 4/4C | 5 | 6 | 7 | 8 | 9 | 20 | 44 | 200 | 246 | 486 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | 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 |

Michael Monteleone

*Michael Monteleone*
*Chemistry Supervisor - Quality Control*

*ISO9001:2015 Registration #0306-01*

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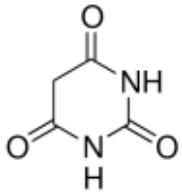
3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

# Certificate of Analysis

Product Name:
Barbituric acid - ReagentPlus® , 99%

| | |
|---|---|
| **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 |



| Test | Specification | Result |
|---|---|---|
| Appearance (Colour) | White to Off-White | White |
| Appearance (Form) | Powder | Powder |
| Infrared spectrum | Conforms to Structure | Conforms |
| Purity (Titration by NaOH) | 98.5 - 101.5 % | 100.4 % |
| GC (area %)<br>VPCT | ≥ 98 % | 100 % |

Kang Chen
Quality Manager
Wuxi , China CN

RICCA CHEMICAL COMPANY®

W3214 Received on 5/21/25 by IZ

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 certifiec 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)

Ernest Mahan (05/08/2025)
Plant Manager

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 7/3/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:35
**In Date:** 07/02/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:22
**Out Date:** 07/03/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB136354

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q2480-01 | GPX1 | 1 | 1.15 | 10.52 | 11.67 | 10.44 | 88.3 | |
| Q2480-02 | GPX2 | 2 | 1.19 | 10.60 | 11.79 | 10.66 | 89.3 | |
| Q2480-03 | GPX3 | 3 | 1.15 | 10.84 | 11.99 | 10.77 | 88.7 | |
| Q2480-04 | GPX4 | 4 | 1.13 | 10.84 | 11.97 | 10.66 | 87.9 | |
| Q2480-05 | GPX5 | 5 | 1.13 | 10.53 | 11.66 | 10.55 | 89.5 | |
| Q2480-06 | GPX6 | 6 | 1.17 | 10.56 | 11.73 | 10.35 | 86.9 | |
| Q2480-07 | GPX7 | 7 | 1.18 | 10.59 | 11.77 | 10.48 | 87.8 | |
| Q2480-08 | GPX8 | 8 | 1.18 | 10.37 | 11.55 | 10.22 | 87.2 | |
| Q2484-01 | TP-58 | 9 | 1.19 | 10.77 | 11.96 | 10.47 | 86.2 | |
| Q2484-02 | TP-57 | 10 | 1.18 | 10.22 | 11.4 | 9.97 | 86.0 | |
| Q2484-03 | TP-64 | 11 | 1.16 | 10.50 | 11.66 | 10.44 | 88.4 | |
| Q2484-04 | TP-107 | 12 | 1.13 | 10.69 | 11.82 | 10.09 | 83.8 | |
| Q2484-05 | TP-1006 | 13 | 1.14 | 10.48 | 11.62 | 10.35 | 87.9 | |
| Q2484-06 | TP-104 | 14 | 1.15 | 10.29 | 11.44 | 10.13 | 87.3 | |
| Q2486-01 | WASTE | 15 | 1.16 | 10.31 | 11.47 | 9.77 | 83.5 | |
| Q2486-02 | VOC | 16 | 1.18 | 11.32 | 12.5 | 10.65 | 83.7 | |
| Q2486-03 | 1 | 17 | 1.15 | 10.80 | 11.95 | 10.24 | 84.2 | |
| Q2486-04 | 2 | 18 | 1.13 | 10.46 | 11.59 | 9.74 | 82.3 | |
| Q2486-05 | 3 | 19 | 1.13 | 10.78 | 11.91 | 10.12 | 83.4 | |
| Q2486-06 | 4 | 20 | 1.19 | 10.00 | 11.19 | 9.65 | 84.6 | |
| Q2486-07 | 5 | 21 | 1.19 | 10.26 | 11.45 | 8.79 | 74.1 | |
| Q2491-01 | EO-1-070225 | 22 | 1.19 | 10.51 | 11.7 | 10.9 | 92.4 | |
| Q2491-02 | EO-1-070225-E2 | 23 | 1.15 | 10.14 | 11.29 | 10.5 | 92.2 | |
| Q2492-01 | VNJ-254-1 | 24 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2492-02 | VNJ-254-2 | 25 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2493-01 | WC-11 | 26 | 1.13 | 10.45 | 11.58 | 10.4 | 88.7 | |
| Q2493-02 | WC-11-EPH | 27 | 1.19 | 10.23 | 11.42 | 9.72 | 83.4 | |
| Q2493-03 | WC-11-VOC | 28 | 1.14 | 9.89 | 11.03 | 10.2 | 91.6 | |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 7/3/2025

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**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:22
**Out Date:** 07/03/2025
**Weight Check 1.0g:** 1.00
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**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB136354

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q2494-01 | Playhouse/Storag | 35 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Caulk sample |
| Q2494-02 | Playhouse/Storag | 36 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | chair form |
| Q2494-03 | Garage Seat Foa | 37 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | seat form |
| Q2494-04 | Black foam in Sou | 38 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | olack form |
| Q2494-05 | Kids Room styof | 39 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | yellow form |
| Q2494-06 | Kids Room Lower | 40 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2494-07 | Kids Room styof | 41 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | styra form |
| Q2494-08 | Dog Beg Foam | 42 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oag form |
| Q2494-09 | Cotton Layer - Ott | 43 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | cotton layer |
| Q2494-10 | Foam Ottoman | 44 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form ottoman |
| Q2494-11 | Foyer North Wall | 45 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | foryer north wall plug |
| Q2494-12 | NE Stucco Exterio | 46 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | sttucco exterior |
| Q2494-13 | Master Mattress | 47 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess |
| Q2495-01 | Chair Foam Parke | 48 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | chair form |
| Q2495-02 | SE Bedroom (3rd | 49 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess |
| Q2495-03 | E Bedroom Ceilin | 50 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | celling plug |
| Q2495-04 | South East Ceilining | 51 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | east selling plug |
| Q2495-05 | Master Bathroom | 52 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | selling plug |
| Q2495-06 | 3rd Fl Hallway N | 53 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | hoalway selling |
| Q2495-07 | SE Bedroom Park | 54 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oedrom plug |
| Q2495-08 | Family Room SW | 55 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | family plug |
| Q2495-09 | Foyer SE Corner P | 56 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | foyer plug |
| Q2495-10 | Green Carpet Pad | 57 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | green carpet pad |
| Q2495-11 | Rug in Dining Roo | 58 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | rug |
| Q2495-12 | LR Couch Cushion | 59 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | couch cushion |
| Q2495-13 | Dining Room W | 60 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | wood and foam |
| Q2495-14 | Kitchen Dining E | 61 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | kithean rug |
| Q2495-15 | Garage Southwes | 62 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |

# PERCENT SOLID

**Supervisor:** Iwona
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**QC:** LB136354

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|---|---|---|---|---|---|---|---|---|
| Q2495-16 | Zack"s Matterss | 63 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess |
| Q2495-17 | Zack"s Couch | 64 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | zacks couch |
| Q2496-02 | N exterior center | 65 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | stucco wall |
| Q2496-03 | Basement south | 66 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | wall cavity stucc |
| Q2496-04 | Entertainment ro | 67 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | hvac close |
| Q2496-05 | Black mat outside | 68 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | outside mat |
| Q2496-06 | Basement bedroom | 69 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | bedrom form |
| Q2496-07 | Basement bedroom-1 | 70 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | window plug |
| Q2496-08 | Basement bedroom-2 | 71 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | window plug |
| Q2496-09 | Maeve"s room ma | 72 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess |
| Q2496-10 | Master bedroom | 73 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | rug |
| Q2496-11 | Master bedroom-1 | 74 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | chair form |
| Q2496-12 | Master bedroom-2 | 75 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess form |
| Q2496-13 | Master bedroom-3 | 76 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | office chair form |
| Q2496-14 | SE bedroom brow | 77 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2496-15 | SE bedroom gray | 78 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | gray cushion |
| Q2496-16 | Maeves room gre | 79 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | chair form |
| Q2496-17 | Master bedroom-4 | 80 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |
| Q2496-18 | 3rd floor roof ent | 81 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |
| Q2496-19 | Living room couc | 82 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | couch form |
| Q2496-20 | Living room 2 sea | 83 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2496-21 | Office leather cha | 84 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2496-22 | Pink shoe sole | 85 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | shoe sole |
| Q2496-23 | Living room rug S | 86 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | rug |
| Q2496-24 | Dining room NE c | 87 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |
| Q2497-01 | SW bedroom (San | 88 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |
| Q2497-02 | Salman s room SE | 89 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug compossi |
| Q2497-03 | Sanah s room bed | 90 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | sanah form |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 7/3/2025

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**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB136354

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q2497-04 | Salman s room m | 91 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess form |
| Q2497-05 | Master bed mattr | 92 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess |
| Q2497-06 | Kaihaan s room m | 93 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2497-07 | Garage foam yog | 94 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | garage foam |
| Q2497-08 | Living room west | 95 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2497-09 | Entrance rug | 96 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | rug |
| Q2497-10 | south exterior re | 97 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2497-11 | Garage gym floor | 98 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | garage foam |
| Q2497-12 | Rug by the back d | 99 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | rug |
| Q2497-13 | Guest bed mattre | 100 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess |
| Q2497-14 | Garage backyard | 101 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | garage foam |
| Q2497-15 | LR SW conner chai | 102 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2497-16 | Living room NE co | 103 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | catters |
| Q2497-17 | Dining room SW c | 104 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | chair form |
| Q2497-18 | LR SW rug corner | 105 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | rug |
| Q2497-19 | LR west wall plug | 106 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |
| Q2497-20 | LR NE corner plug | 107 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |
| Q2497-21 | office east wall pl | 108 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |
| Q2497-22 | Bedroom north w | 109 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | plug |
| Q2497-23 | Kitchem ceiling pl | 110 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | celling plug |
| Q2498-01 | NE Bd bed foam | 111 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oedrom form |
| Q2498-02 | NE Bd pillow foa | 112 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | form |
| Q2498-03 | Master bed NE m | 113 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | mattess |
| Q2500-01 | X600-B2 | 29 | 1.15 | 10.84 | 11.99 | 11.24 | 93.1 | |
| Q2500-02 | X600-S2 | 30 | 1.19 | 10.36 | 11.55 | 10.6 | 90.8 | |
| Q2500-03 | X600-B1 | 31 | 1.13 | 10.42 | 11.55 | 11.02 | 94.9 | |
| Q2500-04 | X600-S1 | 32 | 1.13 | 10.32 | 11.45 | 10.6 | 91.8 | |
| Q2500-05 | X600-DUP1 | 33 | 1.14 | 10.85 | 11.99 | 11.3 | 93.6 | |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 7/3/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:35
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**QC:** LB136354

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|---|---|---|---|---|---|---|---|---|
| Q2500-06 | X600-S3 | 34 | 1.11 | 10.71 | 11.82 | 11.18 | 94.0 | |

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

# WORKLIST(Hardcopy Internal Chain)

VB 136354

**WorkList Name :** %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2480-01 | GPX1 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 06/30/2025 | Chemtech -SO |
| Q2480-02 | GPX2 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 06/30/2025 | Chemtech -SO |
| Q2480-03 | GPX3 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 07/01/2025 | Chemtech -SO |
| Q2480-04 | GPX4 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 07/01/2025 | Chemtech -SO |
| Q2480-05 | GPX5 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 07/01/2025 | Chemtech -SO |
| Q2480-06 | GPX6 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 07/01/2025 | Chemtech -SO |
| Q2480-07 | GPX7 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 07/01/2025 | Chemtech -SO |
| Q2480-08 | GPX8 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 07/01/2025 | Chemtech -SO |
| Q2484-01 | TP-58 | Solid | Percent Solids | Cool 4 deg C | GENV01 | A43 | 07/01/2025 | Chemtech -SO |
| Q2484-02 | TP-57 | Solid | Percent Solids | Cool 4 deg C | CAMP02 | A12 | 07/01/2025 | Chemtech -SO |
| Q2484-03 | TP-64 | Solid | Percent Solids | Cool 4 deg C | CAMP02 | A12 | 07/01/2025 | Chemtech -SO |
| Q2484-04 | TP-107 | Solid | Percent Solids | Cool 4 deg C | CAMP02 | A12 | 07/01/2025 | Chemtech -SO |
| Q2484-05 | TP-1006 | Solid | Percent Solids | Cool 4 deg C | CAMP02 | A12 | 07/01/2025 | Chemtech -SO |
| Q2484-06 | TP-104 | Solid | Percent Solids | Cool 4 deg C | CAMP02 | A12 | 07/01/2025 | Chemtech -SO |
| Q2486-01 | WASTE | Solid | Percent Solids | Cool 4 deg C | CAMP02 | A12 | 07/01/2025 | Chemtech -SO |
| Q2486-02 | VOC | Solid | Percent Solids | Cool 4 deg C | SCIA01 | A61 | 07/01/2025 | Chemtech -SO |
| Q2486-03 | 1 | Solid | Percent Solids | Cool 4 deg C | SCIA01 | A61 | 07/01/2025 | Chemtech -SO |
| Q2486-04 | 2 | Solid | Percent Solids | Cool 4 deg C | SCIA01 | A61 | 07/01/2025 | Chemtech -SO |
| Q2486-05 | 3 | Solid | Percent Solids | Cool 4 deg C | SCIA01 | A61 | 07/01/2025 | Chemtech -SO |
| Q2486-06 | 4 | Solid | Percent Solids | Cool 4 deg C | SCIA01 | A61 | 07/01/2025 | Chemtech -SO |
| Q2486-07 | 5 | Solid | Percent Solids | Cool 4 deg C | SCIA01 | A61 | 07/01/2025 | Chemtech -SO |

**Date/Time** 07/02/25 15:00

**Raw Sample Received by:** [signature]

**Raw Sample Relinquished by:** [signature]

**Date/Time** 07/02/25 17:35

**Raw Sample Received by:** [signature]

**Raw Sample Relinquished by:** [signature]

# WORKLIST(Hardcopy Internal Chain)

VB 13C353

**WorkList Name :** %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2491-01 | EO-1-070225 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A61 | 07/02/2025 | Chemtech -SO |
| Q2491-02 | EO-1-070225-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A61 | 07/02/2025 | Chemtech -SO |
| Q2492-01 | VNJ-254-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A61 | 07/02/2025 | Chemtech -SO |
| Q2492-02 | VNJ-254-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A61 | 07/02/2025 | Chemtech -SO |
| Q2493-01 | WC-11 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A61 | 07/02/2025 | Chemtech -SO |
| Q2493-02 | WC-11-EPH | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A43 | 07/02/2025 | Chemtech -SO |
| Q2493-03 | WC-11-VOC | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A43 | 07/02/2025 | Chemtech -SO |
| Q2494-01 | Playhouse/Storag | Solid | Percent Solids | Cool 4 deg C | PSEG03 | A43 | 07/02/2025 | Chemtech -SO |
| Q2494-02 | Playhouse/Storag | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-03 | Garage Seat Foa | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-04 | Black foam in Sou | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-05 | Kids Room styof | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-06 | Kids Room Lower | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-07 | Kids Room styof | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-08 | Dog Beg Foam | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-09 | Cotton Layer - Ott | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-10 | Foam Ottoman | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-11 | Foyer North Wall | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-12 | NE Stucco Exterio | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2494-13 | Master Mattress | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/25/2025 | Chemtech -SO |
| Q2495-01 | Chair Foam Parke | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |

**Date/Time** 07/02/25 15:00

**Raw Sample Received by:** [signature] (WOC)

**Raw Sample Relinquished by:** [signature] SH

**Date/Time** 07/02/25 17:35

**Raw Sample Received by:** [signature] SH

**Raw Sample Relinquished by:** [signature] (WOC)

# WORKLIST(Hardcopy Internal Chain)

NB136354

**WorkList Name :** %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2495-02 | SE Bedroom (3rd | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-03 | E Bedroom Ceilin | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-04 | South East Ceilining | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-05 | Master Bathroom | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-06 | 3rd Fl Hallway N | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-07 | SE Bedroom Park | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-08 | Family Room SW | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-09 | Foyer SE Corner P | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-10 | Green Carpet Pad | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-11 | Rug in Dining Roo | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-12 | LR Couch Cushion | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-13 | Dining Room W | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-14 | Kitchen Dining E | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-15 | Garage Southwes | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-16 | Zack"s Matterss | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2495-17 | Zack"s Couch | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2496-02 | N exterior center | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A53 | 06/11/2025 | Chemtech -SO |
| Q2496-03 | Basement south | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-04 | Entertainment ro | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-05 | Black mat outside | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-06 | Basement bedroom | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |

**Date/Time** 07/02/25 15:00

**Raw Sample Received by:** [signature]

**Raw Sample Relinquished by:** [signature]

**Date/Time** 07/02/25 17:35

**Raw Sample Received by:** [signature]

**Raw Sample Relinquished by:** [signature]

# WORKLIST(Hardcopy Internal Chain)

136354

**WorkList Name :** %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2496-07 | Basement bedroom-1 | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-08 | Basement bedroom-2 | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-09 | Maeve"s room ma | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-10 | Master bedroom | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-11 | Master bedroom-1 | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-12 | Master bedroom-2 | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-13 | Master bedroom-3 | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-14 | SE bedroom brow | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-15 | SE bedroom gray | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-16 | Maeves room gre | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-17 | Master bedroom-4 | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-18 | 3rd floor roof ent | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-19 | Living room couc | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-20 | Living room 2 sea | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-21 | Office leather cha | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-22 | Pink shoe sole | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-23 | Living room rug S | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2496-24 | Dining room NE c | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2497-01 | SW bedroom (San | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/14/2025 | Chemtech -SO |
| Q2497-02 | Salman s room SE | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-03 | Sanah s room bed | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |

**Date/Time** 07/02/25 15:00

**Raw Sample Received by:** SB WC

**Raw Sample Relinquished by:** SM

**Date/Time** 07/02/25 17:35

**Raw Sample Received by:** SM

**Raw Sample Relinquished by:** SB WC

# WORKLIST(Hardcopy Internal Chain)

NB131354

**WorkList Name :** %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2497-04 | Salman s room m | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-05 | Master bed mattr | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-06 | Kaihaan s room m | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-07 | Garage foam yog | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-08 | Living room west | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-09 | Entrance rug | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-10 | south exterior re | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-11 | Garage gym floor | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-12 | Rug by the back d | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-13 | Guest bed mattre | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/15/2025 | Chemtech -SO |
| Q2497-14 | Garage backyard | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-15 | LR SW conner chai | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-16 | Living room NE co | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-17 | Dining room SW c | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-18 | LR SW rug corner | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-19 | LR west wall plug | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-20 | LR NE corner plug | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-21 | office east wall pl | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-22 | Bedroom north w | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2497-23 | Kitchem ceiling pl | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/13/2025 | Chemtech -SO |
| Q2498-01 | NE Bd bed foam | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/20/2025 | Chemtech -SO |

**Date/Time** 07/02/25 15:00

**Raw Sample Received by:** [signature] (WC)

**Raw Sample Relinquished by:** [signature] SM

**Date/Time** 07/02/25 17:35

**Raw Sample Received by:** [signature] SM

**Raw Sample Relinquished by:** [signature] (WC)

# WORKLIST(Hardcopy Internal Chain)

VB136354

**WorkList Name :** %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2498-02 | NE Bd pillow foa | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/20/2025 | Chemtech -SO |
| Q2498-03 | Master bed NE m | Solid | Percent Solids | Cool 4 deg C | SUMM04 | A61 | 06/20/2025 | Chemtech -SO |
| Q2500-01 | X600-B2 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | A52 | 07/02/2025 | Chemtech -SO |
| Q2500-02 | X600-S2 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | A52 | 07/02/2025 | Chemtech -SO |
| Q2500-03 | X600-B1 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | A52 | 07/02/2025 | Chemtech -SO |
| Q2500-04 | X600-S1 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | A52 | 07/02/2025 | Chemtech -SO |
| Q2500-05 | X600-DUP1 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | A52 | 07/02/2025 | Chemtech -SO |
| Q2500-06 | X600-S3 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | A52 | 07/02/2025 | Chemtech -SO |

**Date/Time** 07/02/25 15:00

**Raw Sample Received by:** SB (WC)

**Raw Sample Relinquished by:** SM



**Date/Time** 07/02/25 17:35

**Raw Sample Received by:** SM

**Raw Sample Relinquished by:** TA (WC)


# SHIPPING DOCUMENTS

Q2497

Alliance TECHNICAL GROUP

# CHAIN OF CUSTODY RECORD

Omega COCID 3974 | PAGE: 1 | OF: 1


**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 CONTRATOR: **Chemtech NJ** COMPANY: **Chemtech**

ADDRESS: **284 Sheffield St., Ste 1**

CITY, STATE, ZIP: **Mountainside, NJ 07092**

PHONE: **(908) 789-8900** FAX: EMAIL:

ACCOUNT #:

SPECIAL INSTRUCTIONS / COMMENTS:

Report to salwa.najjar@alliancetg.com PO 25061636 No certification required

please use client sample ID

| ITEM # | SAMPLE ID | Client Sample ID | Bottle Type | MATRIX | DATE COLLECTED | NUMBER OF CONTAINERS | ANALYTICAL PARAMETERS SW9014 | COMMENTS Methanol Preserved Weights HOT Sample Notation Additional Sample Description, etc. |
|---|---|---|---|---|---|---|---|---|
| 1 | 25061636-00 | SW bedroom (San | 4 OZ GLASS | Solid | 6/15/2025 10:00:00 AM | 1 | √ | |
| 2 | 25061636-00 | Salman's room SE | 4 OZ GLASS | Solid | 6/15/2025 10:30:00 AM | 1 | √ | |
| 3 | 25061636-00 | Sanah's room bed | 4 OZ GLASS | Solid | 6/15/2025 10:40:00 AM | 1 | √ | |
| 4 | 25061636-00 | Salman's room m | 4 OZ GLASS | Solid | 6/15/2025 11:00:00 AM | 1 | √ | |
| 5 | 25061636-00 | Master bed mattr | 4 OZ GLASS | Solid | 6/15/2025 11:20:00 AM | 1 | √ | |
| 6 | 25061636-00 | Kaihaan's room m | 4 OZ GLASS | Solid | 6/15/2025 11:45:00 AM | 1 | √ | |
| 7 | 25061636-00 | Garage foam yog | 4 OZ GLASS | Solid | 6/15/2025 12:30:00 PM | 1 | √ | |
| 8 | 25061636-00 | Living room west | 4 OZ GLASS | Solid | 6/15/2025 12:45:00 PM | 1 | √ | |
| 9 | 25061636-00 | Entrance rug | 4 OZ GLASS | Solid | 6/15/2025 12:55:00 PM | 1 | √ | |
| 10 | 25061636-01 | south exterior re | 4 OZ GLASS | Solid | 6/15/2025 1:30:00 PM | 1 | √ | |
| 11 | 25061636-01 | Garage gym floor | 4 OZ GLASS | Solid | 6/15/2025 2:00:00 PM | 1 | √ | |
| 12 | 25061636-01 | Rug by the back d | 4 OZ GLASS | Solid | 6/15/2025 2:30:00 PM | 1 | √ | |

| Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|
| Salwa Najjar | 6/30/2025 | 3:08 PM | CR | 7/2/25 | 1025 |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |

**TAT:** Standard ☐ **RUSH** Next BD ☐ 2nd BD ☐ 3rd BD ☐

**Note: RUSH requests will incur surcharges!**

REPORT TRANSMITTAL DESIRED:

☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY

Temp of samples 3.5 °C Attempt to Cool ?

Comments:

Q 2497

# CHAIN OF CUSTODY RECORD

Omega COCID 3972 | PAGE: 1 | OF: 1


**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 CONTRATOR: **Chemtech NJ** COMPANY: **Chemtech**

ADDRESS: **284 Sheffield St., Ste 1**

CITY, STATE, ZIP: **Mountainside, NJ 07092**

PHONE: **(908) 789-8900** FAX: EMAIL:

ACCOUNT #:

SPECIAL INSTRUCTIONS / COMMENTS:
report to salwa.najjar@alliancetg.com PO 25061655 No certification required
please use client sample ID

| ITEM # | SAMPLE ID | Client Sample ID | Bottle Type | MATRIX | DATE COLLECTED | NUMBER OF CONTAINERS | ANALYTICAL PARAMETERS SW9014 | COMMENTS Methanol Preserved Weights HOT Sample Notation Additional Sample Description, etc. |
|---|---|---|---|---|---|---|---|---|
| 1 | 25061655-00 | Guest bed mattre | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 2 | 25061655-00 | Garage backyard | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 3 | 25061655-00 | LR SW corner chai | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 4 | 25061655-00 | Living room NE co | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 5 | 25061655-00 | Dining room SW c | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 6 | 25061655-00 | LR SW rug corner | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 7 | 25061655-00 | LR west wall plug | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 8 | 25061655-00 | LR NE corner plug | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 9 | 25061655-00 | office east wall pl | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 10 | 25061655-01 | Bedroom north w | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |
| 11 | 25061655-01 | Kitchen ceiling pl | 4 OZ GLASS | Solid | 6/13/2025 | 1 | √ | |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|---|---|---|---|---|---|
| Salwa Najjar | 6/30/2025 | 3:05 PM | CR | 7/2/25 | 1025 |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |

**TAT:** Standard ☐ **RUSH** Next BD ☐ 2nd BD ☐ 3rd BD ☐

**Note: RUSH requests will incur surcharges!**

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY
Temp of samples 3.5 °C Attempt to Cool ? _____
Comments: _____

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# 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