

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 OR | Method qualifiers "P" for ICP instrument "PM" for ICP when Microwave Digestion is used "CV" for Manual Cold Vapor AA "AV" for automated Cold Vapor AA "CA" for MIDI-Distillation Spectrophotometric "AS" for Semi – Automated Spectrophotometric "C" for Manual Spectrophotometric "T" for Titrimetric "NR" for analyte not required to be analyzed 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 |
| Н | Sample Analysis Out Of Hold Time |



LAB CHRONICLE

OrderID: P5409 OrderDate: 12/31/2024 10:48:00 AM

Client:Summit Environmental Technologies, LLCProject:24120833Contact:Jennifer WoolfLocation:K11

LabID ClientID Sample Date **Prep Date** Received Matrix Test Method **Anal Date** 12/02/24 12/31/24 P5409-01 244758 WATER 00:00 TOC SM5310B 12/31/24 13:54



SAMPLE DATA



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

Fax: 908 789 8922

Report of Analysis

Client: Summit Environmental Technologies, LLC Date Collected: 12/02/24 00:00 Project: 24120833 Date Received: 12/31/24 Client Sample ID: SDG No.: P5409 244758 Lab Sample ID: P5409-01 Matrix: WATER % Solid: 0

| Parameter | Conc. (| Qua. | DF MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|-----------|---------|------|--------|------------|-------|-----------|----------------|--------------|
| TOC | 3.40 | Н | 1 0.19 | 1.00 | mg/L | | 12/31/24 13:54 | SM 5310 B-14 |

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



 ${\tt 284~Sheffield~Street,~Mountainside,~New~Jersey~07092,~Phone:908~789~8900,}\\$

Fax: 908 789 8922

Initial and Continuing Calibration Verification

Client: Summit Environmental Technologies, LLC SDG No.: P5409

Project: 24120833 **RunNo.:** LB134135

| Analyte | | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------|------|-------|--------|------------|---------------|---------------------------|------------------|
| Sample ID: | ICV1 | mg/L | 10.2 | 10 | 102 | 90-110 | 12/27/2024 |
| Sample ID: | CCV1 | mg/L | 0.73 | 1 | 73 | 50-150 | 12/31/2024 |
| Sample ID: | CCV2 | mg/L | 9.7 | 10 | 97 | 90-110 | 12/31/2024 |





Initial and Continuing Calibration Blank Summary

Client: Summit Environmental Technologies, LLC SDG No.: P5409

Project: 24120833 **RunNo.:** LB134135

| Analyte | | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|------------|------|-------|----------|----------------------|--------------|------|-----|------------------|
| Sample ID: | ICB1 | mg/L | < 0.5000 | 0.5000 | U | 0.19 | 1 | 12/27/2024 |
| Sample ID: | CCB1 | mg/L | 0.24 | 0.5000 | J | 0.19 | 1 | 12/31/2024 |
| Sample ID: | CCB2 | mg/L | 0.3 | 0.5000 | J | 0.19 | 1 | 12/31/2024 |





Preparation Blank Summary

Client: Summit Environmental Technologies, LLC SDG No.: P5409

Project: 24120833

| Analyte | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|------------|---------------------|--------|----------------------|--------------|------|-----|------------------|
| Sample ID: | LB134135BLW mg/L | 0.21 | 0.5000 | J | 0.19 | 1 | 12/31/2024 |



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Matrix Spike Summary

Client: Summit Environmental Technologies, LLC SDG No.: P5409

Project: 24120833 **Sample ID:** P5409-01

Client ID: 244758MS Percent Solids for Spike Sample: 0

| | | Acceptance | Spiked | Conc. | Sample | Conc. | Spike | Dilution | % | | Analysis | |
|---------|-------|------------|--------|-----------|--------|-----------|-------|----------|-----|------|------------|---|
| Analyte | Units | Limit %R | Result | Qualifier | Result | Qualifier | Added | Factor | Rec | Qual | Date | |
| TOC | mg/L | 85-115 | 12.0 | | 3.40 | | 10 | 1 | 86 | | 12/31/2024 | - |



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Matrix Spike Summary

Client: Summit Environmental Technologies, LLC SDG No.: P5409

Project: 24120833 **Sample ID:** P5409-01

Client ID: 244758MSD Percent Solids for Spike Sample: 0

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| TOC | mg/L | 85-115 | 12.3 | | 3.40 | | 10 | 1 | 89 | | 12/31/2024 |



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Fax: 908 789 8922

Duplicate Sample Summary

Client: Summit Environmental Technologies, LLC SDG No.: P5409

Project: 24120833 **Sample ID:** P5409-01

Client ID: 244758MSD Percent Solids for Spike Sample: 0

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---------|-------|---------------------|------------------|--------------------|---------------------|--------------------|--------------------|------------|------|------------------|
| TOC | mg/L | +/-15 | 12.0 | | 12.3 | | 1 | 2 | | 12/31/2024 |





Fax: 908 789 8922

Laboratory Control Sample Summary

Client: Summit Environmental Technologies, LLC SDG No.: P5409

Project: 24120833 **Run No.:** LB134135

| Analyte | | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|-------------|-------|---------------|--------|--------------------|---------------|--------------------|------------------------|------------------|
| Sample ID | LB134135BSW | | | | | | | | |
| TOC | | mg/L | 10 | 10.4 | | 104 | 1 | 90-110 | 12/31/2024 |



RAW DATA

Sample Results Report Print Date/Time: 2025/01/03 11:46:43

| Sample ID | | Std. Dev. | | Mode | ALT |
|--------------|---------|-----------|-------|------|-----|
| CCV1 | 0.7312 | | 25.71 | TOC | |
| CCB1 | 0.2395 | 0.0397 | 16.57 | TOC | |
| LB | 0.2059 | 0.0554 | 26.92 | TOC | |
| LB134135BSW | 10.4153 | 0.2792 | 2.68. | TOC | |
| P5403-01 | 30.3248 | 0.5005 | 1.65 | TOC | |
| P5409-01 | 3.3504 | 0.3116 | 9.30 | TOC | |
| P5409-01MS | 12.0098 | 0.3343 | 2.78. | TOC | |
| P5409-01MSD | 12.2969 | 0.4715 | 3.83 | TOC | |
| P5403-01DLX4 | 8.3887 | 0.3913 | 4.67 | TOC | |
| CCV2 | 9.7176 | 0.3271 | 3.37. | TOC | |
| CCB2 | 0.3016 | 0.0351 | 11.64 | TOC | |

Reviewed By:lwona On:1/3/2025 3:46:33 PM Inst Id :Appolo-9000 LB :LB134135 Sample Results Report Print Date/Time: 2025/01/03 11:46:43

| Reviewed By:Iwona |
|----------------------|
| On:1/3/2025 3:46:33 |
| PM |
| Inst Id :Appolo-9000 |
| LB :LB134135 |
| |
| |

| | | | Met | hod ID | Sample Type | | Vial | Timestamp | | Mes | ssage | |
|-----|---|---|-----|--------|-------------|---|------|------------|-------|-----|--------|----------|
| | | | | ppmC | Sample | : | | 2024/12/31 | | = | | _ |
| TOC | 0 | _ | 20 | ppmC | Sample | | 12 | 2024/12/31 | 12:06 | Low | Sample | Detected |
| TOC | 0 | - | 20 | ppmC | Sample | | 13 | 2024/12/31 | 12:30 | Low | Sample | Detected |
| TOC | 0 | - | 20 | ppmC | Sample | | 14 | 2024/12/31 | 12:59 | | | |
| TOC | 0 | - | 20 | ppmC | Sample | | 15 | 2024/12/31 | 13:28 | | | |
| TOC | 0 | - | 20 | ppmC | Sample | | 16 | 2024/12/31 | 13:54 | | | |
| TOC | 0 | - | 20 | ppmC | Sample | | 17 | 2024/12/31 | 14:22 | | | |
| TOC | 0 | - | 20 | ppmC | Sample | | 17 | 2024/12/31 | 14:50 | | | |
| TOC | 0 | - | 20 | ppmC | Sample | | 18 | 2024/12/31 | 15:17 | | | |
| TOC | 0 | - | 20 | ppmC | Sample | | 11 | 2024/12/31 | 15:45 | | | |
| TOC | 0 | - | 20 | ppmC | Sample | | 12 | 2024/12/31 | 16:07 | | | |
| | | | | | | | | | | | | |

Detailed Analysis Report Print Date/Time: 2025/01/03 11:46:52

Mode: TOC Sample ID: CCV1 Method: TOC 0 - 20 ppmC

Filename: 12311059 Timestamp: 2024/12/31 11:43 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 0.9989 | 0.4994 | 34963 | -2.276 | -2.078 | 116 |
| 2 | 0.7045 | 0.3522 | 24658 | -2.165 | -1.965 | 108 |
| 3 | 0.5627 | 0.2813 | 19696 | -2.158 | -1.961 | 106 |
| 4 | 0.6587 | 0.3293 | 23056 | -2.209 | -2.012 | 109 |
| | | | | | | |

<><Statistics>>> Mean: 0.7312 Std Dev: 0.1880 RSD: 25.71

Mode: Sample ID: CCB1 Method: TOC 0 - 20 ppmC TOC

Filename: 12311059

Timestamp: 2024/12/31 12:06 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 0.1801 | 0.0900 | 6303 | -2.531 | -2.561 | 120 |
| 2 | 0.2564 | 0.1282 | 8974 | -2.569 | -2.372 | 99 |
| 3 | 0.2601 | 0.1301 | 9105 | -2.588 | -2.391 | 99 |
| 4 | 0.2616 | 0.1308 | 9158 | -2.597 | -2.603 | 120 |
| | | | | | | |

Last Message: Low Sample Detected

<><Statistics>>> Mean: 0.2395 Std Dev: 0.0397 RSD: 16.57

Sample ID: LB

Method: TOC 0 - 20 ppmC

Mode: TOC Filename: 12311059 Timestamp: 2024/12/31 12:30 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 0.2294 | 0.1147 | 8029 | -2.694 | -2.682 | 120 |
| 2 | 0.2652 | 0.1326 | 9284 | -2.696 | -2.675 | 120 |
| 3 | 0.1937 | 0.0968 | 6780 | -2.684 | -2.685 | 120 |
| 4 | 0.1352 | 0.0676 | 4733 | -2.683 | -2.712 | 120 |

Last Message: Low Sample Detected

<><Statistics>>> Mean: 0.2059 Std Dev: 0.0554 RSD: 26.92

Sample ID: LB134135BSW
Method: TOC 0 - 20 ppmC Mode: TOC

Filename: 12311059

Timestamp: 2024/12/31 12:59 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: Sample

| Rep | # | ppm C | ug C | Raw Data | Beginning | Ending | Integration |
|-----|---|---------|--------|----------|-----------|----------|-------------|
| | | | | | Baseline | Baseline | Time |
| 1 | | 10.4541 | 5.2271 | 365922 | -2.749 | -2.550 | 217 |
| 2 | | 10.1177 | 5.0588 | 354146 | -2.734 | -2.536 | 192 |
| 3 | | 10.7795 | 5.3897 | 377311 | -2.728 | -2.531 | 227 |
| 4 | | 10.3099 | 5.1549 | 360873 | -2.746 | -2.548 | 207 |
| | | | | | | | |

<><Statistics>>> Mean: 10.4153 Std Dev: 0.2792 RSD: 2.68

Sample ID: P5403-01 Mode:

Mode: TOC Filename: 12311059 Timestamp: 2024/12/31 13:28 Method: TOC 0 - 20 ppmC Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|---------|---------|----------|-----------------------|--------------------|---------------------|
| 1 | 30.2698 | 15.1349 | 1059524 | -2.725 | -2.528 | 214 |
| 2 | 30.9306 | 15.4653 | 1082653 | -2.692 | -2.492 | 209 |
| 3 | 29.7105 | 14.8553 | 1039947 | -2.676 | -2.477 | 194 |
| 4 | 30.3882 | 15.1941 | 1063667 | -2.670 | -2.472 | 197 |
| | | | 0 2040 9 | 1.5 | | |

<><Statistics>>> Mean: 30.3248 Std Dev: 0.5005 RSD: 1.65

Mode: TOC Sample ID: P5409-01

Filename: 12311059 Method: TOC 0 - 20 ppmC

Cal. Curve: TOC WATER 0-20PPM Timestamp: 2024/12/31 13:54

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 3.8003 | 1.9001 | 133021 | -2.815 | -2.615 | 148 |
| 2 | 3.3197 | 1.6598 | 116197 | -2.828 | -2.630 | 139 |
| 3 | 3.1471 | 1.5735 | 110157 | -2.802 | -2.603 | 146 |
| 4 | 3.1344 | 1.5672 | 109712 | -2.811 | -2.614 | 151 |
| | | | 2 2504 | | | |

<><Statistics>>> Mean: 3.3504 Std Dev: 0.3116 RSD: 9.30 ______

Mode: TOC Filename: 12311059 Timestamp: 2024/12/31 14:22 Sample ID: P5409-01MS Method: TOC 0 - 20 ppmC

Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 11.6809 | 5.8404 | 408862 | -2.847 | -2.648 | 188 |
| 2 | 11.7855 | 5.8928 | 412525 | -2.840 | -2.643 | 185 |
| 3 | 12.1777 | 6.0888 | 426251 | -2.873 | -2.674 | 189 |
| 4 | 12.3953 | 6.1976 | 433868 | -2.883 | -2.684 | 187 |
| | | | | | | |

Sample ID: P5409-01MSD

<><Statistics>>> Mean: 12.0098 Std Dev: 0.3343 RSD: 2.78

Mode: TOC Filename: 12311059 Method: TOC 0 - 20 ppmC

Timestamp: 2024/12/31 14:50 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 12.3047 | 6.1524 | 430699 | -2.816 | -2.616 | 184 |
| 2 | 11.7048 | 5.8524 | 409699 | -2.761 | -2.562 | 180 |
| 3 | 12.3195 | 6.1598 | 431216 | -2.778 | -2.579 | 187 |
| 4 | 12.8588 | 6.4294 | 450092 | -2.792 | -2.593 | 195 |

<><Statistics>>> Mean: 12.2969 Std Dev: 0.4715 RSD: 3.83

Mode: TOC Filename: 12311059 Mode: Sample ID: P5403-01DLX4
Method: TOC 0 - 20 ppmC

Cal. Curve: TOC WATER 0-20PPM Timestamp: 2024/12/31 15:17

Reviewed By:Iwona On:1/3/2025 3:46:33 Inst Id :Appolo-9000 LB :LB134135

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 8.9396 | 4.4698 | 312911 | -2.808 | -2.609 | 171 |
| 2 | 8.3768 | 4.1884 | 293210 | -2.765 | -2.566 | 160 |
| 3 | 8.0463 | 4.0231 | 281642 | -2.781 | -2.581 | 162 |
| 4 | 8.1923 | 4.0962 | 286754 | -2.788 | -2.589 | 150 |
| | | | | | | |

Sample Type: Sample

<><Statistics>>> Mean: 8.3887 Std Dev: 0.3913 RSD: 4.67 ______

Mode: Sample ID: CCV2

Mode: TOC Filename: 12311059 Method: TOC 0 - 20 ppmC

Timestamp: 2024/12/31 15:45 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning | Ending | Integration |
|-------|---------|--------|------------|--------------|-----------|-------------|
| | | | | Baseline | Baseline | Time |
| 1 | 10.0929 | 5.0465 | 353280 | -2.822 | -2.624 | 199 |
| 2 | 9.3106 | 4.6553 | 325896 | -2.784 | -2.589 | 185 |
| 3 | 9.8169 | 4.9085 | 343619 | -2.760 | -2.562 | 178 |
| 4 | 9.6502 | 4.8251 | 337781 | -2.781 | -2.584 | 180 |
| | | Mean: | 0 7176 9+d | Devr. 0 3271 | PGD: 3 37 | |

<><Statistics>>> Mean: 9.7176 Std Dev: 0.3271 RSD: 3.37

Mode: TOC

Sample ID: CCB2
Method: TOC 0 - 20 ppmC
Cal. Curve: TOC Filename: 12311059

Operator ID: NF IZ

WATER 0-20PPM Timestamp: 2024/12/31 16:07

Operator ID: NF IZ Sample Type: Sample

| Rep 1 2 3 | 0.3483 0.2755 0.3088 | ug C 0.1741 0.1378 0.1544 | Raw Data 12191 9645 10807 | Base: -2 -2 -2 | .887 .868 .878 | Baseline -2.688 -2.671 -2.680 | Integration Time 103 100 102 |
|-------------------------------|----------------------------|---------------------------|------------------------------------|-------------------------|------------------------|--|------------------------------|
| 4 << <s ====</s | 0.2736 tatistics>>> | 0.1368 Mean: | 9576 0.3016 | -2 Std Dev: | .867 0.0351 | -2.668 RSD: 11.64 | 101 |

Sample Results Report Print Date/Time: 2024/12/30 16:34:48

| Sample ID | Result | Std. Dev. | RSD | Mode | ALT |
|-----------|----------|-----------|--------|------|-----|
| | 6236 | 5833 | 93.53 | TOC | |
| 0.5PPM | 29722 | 16922 | 56.93 | TOC | |
| 1.0PPM | 51322 | 2525 | 4.92 | TOC | |
| 2.0PPM | 81698 | 3837 | 4.70. | TOC | |
| 5.0PPM | 187097 | 8217 | 4.39 | TOC | |
| 10.0PPM | 346620 | 16682 | 4.81 | TOC | |
| 20.0PPM | 715994 | 6561 | 0.92. | TOC | |
| ICV1 | 10.2420 | 0.1770 | 1.73 | TOC | |
| ICB1 | 0.1702 | 0.0360 | 21.14 | TOC | |
| IC-20 | 0.1397 | 0.0264 | 18.89. | TOC | |
| IC-R | 0.1956 | 0.0474 | 24.23 | TOC | |

Reviewed By:lwona On:1/3/2025 3:46:33 PM Inst Id :Appolo-9000 LB :LB134135 Sample Results Report Print Date/Time: 2024/12/30 16:34:48

| Reviewed By:Iwona |
|----------------------|
| On:1/3/2025 3:46:33 |
| PM |
| Inst Id :Appolo-9000 |
| LB :LB134135 |
| |
| |

| | Method ID | Sample Type | Vial Timestamp | Message |
|---|--|--|--|--|
| TOC 0 - | 20 ppmC 20 ppmC 20 ppmC 20 ppmC 20 ppmC 20 ppmC 20 ppmC 20 ppmC | TOC Standard TOC Standard TOC Standard .TOC Standard | 1 2024/12/27 12:55 2 2024/12/27 13:20 1 2024/12/27 14:34 . 12024/12/27 15:29 5 2024/12/27 15:58 6 2024/12/27 16:28 . 72024/12/27 16:59 | Message Low Sample Detected |
| TOC 0 - | 20 ppmC 20 ppmC 20 ppmC 20 ppmC | Sample Sample Sample Sample | 1 2024/12/27 17:29 13 2024/12/27 18:17 . 132024/12/27 18:40 8 2024/12/27 19:04 | Low Sample DetectedLow Sample Detected Low Sample Detected |

Detailed Analysis Report Print Date/Time: 2024/12/30 16:35:21

Mode: TOC Sample ID: 0.0PPM

Method: TOC 0 - 20 ppmC
Cal. Curve: TOC WATER 0-20PPM Filename: 12271233 Timestamp: 2024/12/27 12:55

Operator ID: NF IZ Sample Type: TOC Standard

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1 | | | 11836 | -3.572 | -3.385 | 120 |
| 2 | | | 367 | -3.366 | -3.270 | 120 |
| 3 | | | 2115 | -3.367 | -3.248 | 120 |
| 4 | | | 10628 | -3.392 | -3.107 | 120 |
| | | | | | | |

Last Message: Low Sample Detected

<<<Statistics>>> Mean: 6236 Std Dev: 5833 RSD: 93.53

Sample ID: 0.5PPM TOC Mode:

Method: TOC 0 - 20 ppmC Filename: 12271233

Timestamp: 2024/12/27 13:20 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: TOC Standard

| Rep # | ppm C | ug C | Raw Data | Beginning | Ending | Integration |
|-------|-------|------|----------|-----------|----------|-------------|
| | | | | Baseline | Baseline | Time |
| 1 | | | 44013 | -3.562 | -3.364 | 179 |
| 2 | | | 42817 | -3.502 | -3.304 | 172 |
| 3 | | | 23394 | -3.459 | -3.260 | 114 |
| 4 | | | 8666 | -3.281 | -3.082 | 103 |
| | | | | | | |

<><Statistics>>> Mean: 29722 Std Dev: 16922 RSD: 56.93

Sample ID: 1.0PPM

Method: TOC 0 - 20 ppmC

Mode: TOC Filename: 12271233 Timestamp: 2024/12/27 14:34 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: TOC Standard

| Rep # | ppm C | ug C | Raw Data | Beginning | Ending | Integration |
|-------|-------|------|----------|-----------|----------|-------------|
| | | | | Baseline | Baseline | Time |
| 1 | | | 48442 | -3.429 | -3.229 | 158 |
| 2 | | | 50032 | -3.418 | -3.220 | 175 |
| 3 | | | 52912 | -3.419 | -3.220 | 172 |
| 4 | | | 53900 | -3.418 | -3.218 | 162 |
| | | | | | | |

<><Statistics>>> Mean: 51322 Std Dev: 2525 RSD: 4.92

Mode: Sample ID: 2.0PPM

Method: TOC 0 - 20 ppmC

Mode: TOC Filename: 12271233 Timestamp: 2024/12/27 15:29 Cal. Curve: TOC WATER 0-20PPM

Operator ID: NF IZ Sample Type: TOC Standard

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|-------|------|----------|-----------------------|--------------------|---------------------|
| 1 | | | 80734 | -3.530 | -3.330 | 180 |
| 2 | | | 76967 | -3.475 | -3.278 | 195 |
| 3 | | | 86069 | -3.478 | -3.279 | 198 |
| 4 | | | 83023 | -3.463 | -3.263 | 182 |
| | | | | | | |

<><Statistics>>> Mean: 81698 Std Dev: 3837 RSD: 4.70

Sample ID: 5.0PPM Method: TOC 0 - 20 ppmC Cal. Curve: TOC WATER 0-20PPM Mode: TOC Filename: 12271233 Timestamp: 2024/12/27 15:58

Operator ID: NF IZ

Sample Type: TOC Standard

 Rep #
 ppm C
 ug C
 Raw Data
 Beginning Baseline Baseline Baseline Time
 Time

 1
 194761
 -3.459
 -3.259
 199

 2
 188462
 -3.479
 -3.280
 190

 3
 175469
 -3.460
 -3.261
 185

 4
 189695
 -3.478
 -3.280
 200
 ______ <><Statistics>>> Mean: 187097 Std Dev: 8217 RSD: 4.39

Mode: TOC Sample ID: 10.0PPM

Filename: 12271233 Method: TOC 0 - 20 ppmC

Timestamp: 2024/12/27 16:28 Cal. Curve: TOC WATER 0-20PPM

Sample Type: TOC Standard Operator ID: NF IZ

| Rep # 1 | mqc | C | ug | C | Raw Da | ata | В | egin | ning | E | nding | 3 | Inte | egrati | on |
|---------|------|----|------|-------|--------|-----|-------|--------|-------|-------|----------|------|------|--------|----|
| | | | | | | | B | asel | ine | Ва | seli | ne | Г | Time | |
| 1 | | | | | 3333 | 314 | | -3. | 418 | | -3.22 | 21 | 1 | L98 | |
| 2 | | | | | 332! | 531 | | -3. | 412 | | -3.2 | 13 | 2 | 220 | |
| 3 | | | | | 3668 | 303 | | -3. | 410 | | -3.2 | 12 | 2 | 205 | |
| 4 | | | | | 3538 | 330 | | -3. | 336 | | -3.1 | 38 | 2 | 222 | |
| | ics> | >> | Mean | : | 346620 | Sto | d Dev | ·: | 16682 | 2 | RSD: | 4.81 | | | |

Sample ID: 20.0PPM Method: TOC 0 - 20 ppmC

Mode: TOC Filename: 12271233 Timestamp: 2024/12/27 16:59 Method: TOC 0 - 20 ppmC Cal. Curve: TOC WATER 0-20PPM

Sample Type: TOC Standard Operator ID: NF IZ

| Rep # | ppm C | ug C | Raw Data | Beginning | Ending | Integration |
|-------|-------|------|----------|-----------|----------|-------------|
| | | | | Baseline | Baseline | Time |
| 1 | | | 719345 | -3.351 | -3.151 | 233 |
| 2 | | | 707132 | -3.283 | -3.084 | 219 |
| 3 | | | 715272 | -3.283 | -3.084 | 232 |
| 4 | | | 722228 | -3.300 | -3.100 | 240 |
| | | | | | | |

<><Statistics>>> Mean: 715994 Std Dev: 6561 RSD: 0.92 ______

Sample ID: ICV1 Method: TOC 0 - 20 ppmC

Mode: TOC Filename: 12271233 Timestamp: 2024/12/27 17:29 Cal. Curve: TOC WATER 0-20PPM

Sample Type: Sample Operator ID: NF IZ

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|---------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 10.0872 | 5.0436 | 353078 | -3.263 | -3.063 | 218 |
| 2 | 10.4896 | 5.2448 | 367165 | -3.214 | -3.017 | 221 |
| 3 | 10.1484 | 5.0742 | 355220 | -3.212 | -3.013 | 226 |
| 4 | 10.2428 | 5.1214 | 358527 | -3.230 | -3.032 | 220 |
| | | | | | | |

<><Statistics>>> Mean: 10.2420 Std Dev: 0.1770 RSD: 1.73

Mode: Sample ID: ICB1 Method: TOC 0 - 20 ppmC Cal. Curve: TOC WATER 0-20PPM Mode: TOC Filename: 12271233 Timestamp: 2024/12/27 18:17

Operator ID: NF IZ Sample Type: Sample

Reviewed By:Iwona On:1/3/2025 3:46:33 PM Inst Id :Appolo-9000 LB :LB134135

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 0.2082 | 0.1041 | 7289 | -3.295 | -3.267 | 120 |
| 2 | 0.1933 | 0.0966 | 6765 | -3.284 | -3.263 | 120 |
| 3 | 0.1353 | 0.0676 | 4735 | -3.268 | -3.250 | 120 |
| 4 | 0.1440 | 0.0720 | 5040 | -3.275 | -3.270 | 120 |
| 1 | | | | | | |

Last Message: Low Sample Detected

<><Statistics>>> Mean: 0.1702 Std Dev: 0.0360 RSD: 21.14

Sample ID: IC-20 Mode: TOC

Method: TOC 0 - 20 ppmC Filename: 12271233

Cal. Curve: TOC WATER 0-20PPM Timestamp: 2024/12/27 18:40

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 0.1255 | 0.0628 | 4394 | -3.303 | -3.272 | 120 |
| 2 | 0.1195 | 0.0598 | 4184 | -3.286 | -3.283 | 120 |
| 3 | 0.1359 | 0.0679 | 4755 | -3.272 | -3.270 | 120 |
| 4 | 0.1780 | 0.0890 | 6229 | -3.270 | -3.274 | 120 |
| | | | | | | |

Last Message: Low Sample Detected

<><Statistics>>> Mean: 0.1397 Std Dev: 0.0264 RSD: 18.89

Sample ID: IC-R Mode: TOC

Method:

TOC 0 - 20 ppmC Filename: 12271233

Cal. Curve: TOC WATER 0-20PPM Timestamp: 2024/12/27 19:04

Operator ID: NF IZ Sample Type: Sample

| Rep # | ppm C | ug C | Raw Data | Beginning Baseline | Ending Baseline | Integration Time |
|-------|--------|--------|----------|-----------------------|--------------------|---------------------|
| 1 | 0.1980 | 0.0990 | 6930 | -3.302 | -3.268 | 120 |
| 2 | 0.2356 | 0.1178 | 8246 | -3.301 | -3.252 | 120 |
| 3 | 0.2204 | 0.1102 | 7716 | -3.292 | -3.266 | 120 |
| 4 | 0.1284 | 0.0642 | 4494 | -3.279 | -3.298 | 120 |
| | | | | | | |

Last Message: Low Sample Detected

<><Statistics>>> Mean: 0.1956 Std Dev: 0.0474 RSD: 24.23

Reviewed By:Iwona On:1/3/2025 3:46:33 PM Inst Id :Appolo-9000 LB :LB134135

Calibration Report Print Date/Time: 2024/12/30 10:20:39

Cal. Curve ID: Created:

TOC WATER 0-20PPM

Calibration Factor (m): 7.001e+04

2024/12/30 10:20

Y Intercept (b): 10155 r-squared:

0.99928

| Standard ID | Y Raw Data | X Expected ug C | Measured ug C | Le Message | Date & Time |
|-------------|---------------|-----------------|------------------|----------------------|------------------|
| 0.0PPM | 6237 | 0.000 | -0.056 | diam. | 2024/12/27 12:55 |
| 0.5PPM | 29723 | 0.250 | 0.280 | 12.0 | 2024/12/27 13:20 |
| 1.0PPM | 51322 | 0.500 | 0.588 | 17.6 | 2024/12/27 14:34 |
| 2.OPPM | 81698 | 1.000 | 1.022 | 2.2 | 2024/12/27 15:29 |
| 5.0PPM | 187097 | 2.500 | 2.528 | 1-1 | 2024/12/27 15:58 |
| 10.0PPM | 346619 | 5.000 | 4.806 | -3.9 | 2024/12/27 16:28 |
| 20.0PPM | 715994 | 10.000 | 10.083 | 0.8 | 2024/12/27 16:59 |

12 12/30/24



Fax: 908 789 8922

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QCBatch ID # LB134135

| Review By | Niha | Review On | 1/3/2025 3:45:50 PM | | | | |
|---------------|------------------|-------------------------------|---------------------|--|--|--|--|
| Supervise By | lwona | Supervise On | 1/3/2025 3:46:33 PM | | | | |
| SubDirectory | ry LB134135 Test | | TOC | | | | |
| STD. NAME | STD REF.# | | | | | | |
| ICAL Standard | WP111255,WP111 | 256,WP111257,WP111258,WP11125 | 9,WP111260 | | | | |
| ICV Standard | WP111262 | WP111262 | | | | | |
| CCV Standard | WP111261 | WP111261 | | | | | |
| ICSA Standard | N/A | N/A | | | | | |
| CRI Standard | N/A | N/A | | | | | |
| LCS Standard | WP111262 | WP111262 | | | | | |
| Chk Standard | WP109953,WP111 | WP109953,WP111267,WP111268 | | | | | |

| Sr# | Sampleld | ClientID | QcType | Date | Comment | Operator | Status |
|-----|-------------|-------------|--------|----------------|----------------------------------|----------|--------|
| 1 | 0.0PPM | 0.0PPM | CAL1 | 12/27/24 12:55 | | NF IZ | ОК |
| 2 | 0.5PPM | 0.5PPM | CAL2 | 12/27/24 13:20 | | NF IZ | ОК |
| 3 | 1.0PPM | 1.0PPM | CAL3 | 12/27/24 14:34 | | NF IZ | ок |
| 4 | 2.0PPM | 2.0PPM | CAL4 | 12/27/24 15:01 | | NF IZ | ок |
| 5 | 5.0PPM | 5.0PPM | CAL5 | 12/27/24 15:58 | | NF IZ | ОК |
| 6 | 10.0PPM | 10.0PPM | CAL6 | 12/27/24 16:28 | | NF IZ | ок |
| 7 | 20.0PPM | 20.0PPM | CAL7 | 12/27/24 16:59 | | NF IZ | ок |
| 8 | ICV1 | ICV1 | ICV | 12/27/24 17:29 | | NF IZ | ОК |
| 9 | ICB1 | ICB1 | ICB | 12/27/24 17:53 | | NF IZ | ок |
| 10 | IC-20 | IC-20 | SAM | 12/27/24 18:40 | | NF IZ | ок |
| 11 | IC-R | IC-R | SAM | 12/27/24 19:04 | | NF IZ | ОК |
| 12 | CCV1 | CCV1 | CCV | 12/31/24 11:43 | | NF IZ | ок |
| 13 | CCB1 | CCB1 | ССВ | 12/31/24 12:06 | | NF IZ | ок |
| 14 | LB134135BLW | LB134135BLW | МВ | 12/31/24 12:30 | | NF IZ | ОК |
| 15 | LB134135BSW | LB134135BSW | LCS | 12/31/24 12:59 | | NF IZ | ок |
| 16 | P5403-01 | PW-1 | SAM | 12/31/24 13:28 | | NF IZ | ок |
| 17 | P5409-01 | 244758 | SAM | 12/31/24 13:54 | | NF IZ | ок |
| 18 | P5409-01MS | 244758MS | MS | 12/31/24 14:22 | 2.0ml WP111253 +38.0ml Sample | NF IZ | ОК |



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Instrument ID: TOC

Daily Analysis Runlog For Sequence/QCBatch ID # LB134135

| Review By | Niha Review On | | Review On | 1/3/2025 3:45:50 PM | | |
|---------------|---------------------|----------------------------|---------------------------------|---------------------|--|--|
| Supervise By | lwc | ona | Supervise On | 1/3/2025 3:46:33 PM | | |
| SubDirectory | y LB134135 Test | | Test | TOC | | |
| STD. NAME | STD. NAME STD REF.# | | | | | |
| ICAL Standard | | WP111255,WP111256,V | VP111257,WP111258,WP111259,WP11 | 1260 | | |
| ICV Standard | | WP111262 | | | | |
| CCV Standard | | WP111261 | | | | |
| ICSA Standard | | N/A | | | | |
| CRI Standard | | N/A | | | | |
| LCS Standard | | WP111262 | | | | |
| Chk Standard | | WP109953,WP111267,WP111268 | | | | |

| 19 | P5409-01MSD | 244758MSD | MSD | 12/31/24 14:50 | 2.0ml WP111253 +38.0ml Sample | NF IZ | ОК |
|----|-------------|-----------|-----|----------------|----------------------------------|-------|----|
| 20 | P5403-01DL | PW-1DL | SAM | 12/31/24 15:17 | | NF IZ | ОК |
| 21 | CCV2 | CCV2 | ccv | 12/31/24 15:45 | | NF IZ | ок |
| 22 | CCB2 | CCB2 | ССВ | 12/31/24 16:07 | | NF IZ | ОК |



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

8900, Fax: 908 789 8922

Prep Standard - Chemical Standard Summary

| Order ID : | P5409 |
|---|--|
| Test : | TOC |
| | |
| Prepbatch ID : | |
| Sequence ID/Qc Ba | tch ID: LB134135, |
| Standard ID : WP109217,WP1092 111259,WP111260,V | teh ID: LB134135, 18,WP109953,WP110767,WP111253,WP111254,WP111255,WP111256,WP111257,WP111258,WP VP111261,WP111262,WP111263,WP111264,WP111265,WP111266,WP111267,WP111268, 33,W2647,W2784,W2800,W2860,W3016,W3017,W3018,W3020,W3022,W3058,W3111,W3112, |
| | |
| | |



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Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | <u>ScaleID</u> | <u>PipetteID</u> | Supervised By Mohan Bera | | | |
|--------------|------------------------------------|-----|-----------|--------------------|----------------|----------------|------------------|---------------------------|--|--|--|
| 2050 | CALE_5 (WC IPETTE_3 08/16/2024 | | | | | | | | | | |
| FROM | SC-5) (WC) | | | | | | | | | | |

| Recipe | | | | Expiration | <u>Prepared</u> | | | Supervised By |
|-----------|---------------------------|------------|------------|-------------------|-----------------|----------------|------------------|---------------|
| <u>ID</u> | <u>NAME</u> | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | Mohan Bera |
| 2051 | TOC STOCK STD-SS, 4000PPM | WP109218 | 08/07/2024 | 02/07/2025 | Iwona Zarych | WETCHEM_S | WETCHEM_F | |
| | | | | | | CALE_5 (WC | IPETTE_3 | 08/16/2024 |

FROM 5.00000ml of W2860 + 8.51200gram of W2784 + 990.00000ml of W3112 = Final Quantity: 1000.000 ml



Aliance

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Wet Chemistry STANDARD PREPARATION LOG

| 613 Phosphoric acid reagent WP109953 09/25/2024 03/25/2025 Niha Farheen Shaik None None 09/27/2024 | Recip ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | <u>ScaleID</u> | <u>PipetteID</u> | Supervised By Iwona Zarych |
|--|-------------|-------------------------|-----------------|------------|--------------------|----------------|----------------|------------------|----------------------------|
| | 613 | Phosphoric acid reagent | <u>WP109953</u> | 09/25/2024 | 03/25/2025 | | None | None | , |

| Recipe ID | <u>NAME</u> | <u>NO.</u> | Prep Date | Expiration Date | Prepared By | <u>ScaleID</u> | <u>PipetteID</u> | Supervised By Mohan Bera |
|--------------|--|-----------------|------------|--------------------|-----------------------|-------------------------|------------------|---------------------------|
| 3886 | Inorganic carbon stock solution, 1000ppm | <u>WP110767</u> | 11/20/2024 | 05/20/2025 | Niha Farheen Shaik | WETCHEM_S CALE_5 (WC | None | 11/21/2024 |

FROM 3.49700gram of W2647 + 4.41220gram of W3058 + 993.00000ml of W3112 = Final Quantity: 1000.000 ml



Aliance

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Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | <u>NAME</u> | <u>NO.</u> | Prep Date | Expiration Date | Prepared By | <u>ScaleID</u> | <u>PipetteID</u> | Supervised By Iwona Zarych |
|--------------|-----------------------------------|-----------------|------------|--------------------|-----------------------|----------------|------------------|----------------------------|
| 3888 | TOC Water Intermediate std-200ppm | <u>WP111253</u> | 12/27/2024 | 01/03/2025 | Niha Farheen Shaik | None | None | 01/02/2025 |

| FROM | 95.00000ml of W3112 + 5.00000ml of WP109217 | ' = Final Quantity: 100.000 ml |
|-------------|---|--------------------------------|
|-------------|---|--------------------------------|

| Recipe | | | | Expiration | <u>Prepared</u> | | | Supervised By |
|-----------|-----------|----------|------------|-------------------|-----------------|----------------|------------------|---------------|
| <u>ID</u> | NAME | NO. | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | lwona Zarych |
| 3889 | | WP111254 | 12/27/2024 | 01/03/2025 | Niha Farheen | None | None | |
| | SS-200ppm | | | | Shaik | | | 01/02/2025 |

FROM 95.00000ml of W3112 + 5.00000ml of WP109218 = Final Quantity: 100.000 ml



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Wet Chemistry STANDARD PREPARATION LOG

| ID NA | <u>AME</u> | <u>NO.</u> | Prep Date | Date | <u>Prepared</u> <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | Supervised By Iwona Zarych |
|--------|----------------|-----------------|------------|------------|------------------------------|----------------|------------------|----------------------------|
| 304 TO | OC CAL 0.00ppm | <u>WP111255</u> | 12/27/2024 | 01/03/2025 | Niha Farheen Shaik | None | None | 01/02/2025 |

FROM 100.00000ml of W3112 = Final Quantity: 100.000 ml

| Recipe | | | | Expiration | Prepared | | | Supervised By |
|-----------|----------------|------------|------------|-------------|--------------|----------------|------------------|---------------|
| <u>ID</u> | NAME | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | lwona Zarych |
| 305 | TOC CAL 0.5ppm | WP111256 | 12/27/2024 | 01/03/2025 | Niha Farheen | None | WETCHEM_F | |
| | | | | | Shaik | | IPETTE_3 | 01/02/2025 |

FROM 99.75000ml of W3112 + 0.25000ml of WP111253 = Final Quantity: 100.000 ml



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Wet Chemistry STANDARD PREPARATION LOG

| Recipe | | | | <u>Expiration</u> | <u>Prepared</u> | | | Supervised By |
|-----------|----------------|------------|------------|-------------------|-----------------|----------------|------------------|---------------|
| <u>ID</u> | NAME | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | Iwona Zarych |
| 306 | TOC CAL 1.0PPM | WP111257 | 12/27/2024 | 01/03/2025 | Niha Farheen | None | WETCHEM_F | |
| | | | | | Shaik | | IPETTE_3 | 01/02/2025 |
| | | | | | | | (VVC) | |

| Recipe | | | | Expiration | Prepared | | | Supervised By |
|-----------|----------------|-----------------|------------|-------------|-----------------------|----------------|--------------------|---------------|
| <u>ID</u> | NAME | NO. | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | Iwona Zarych |
| 307 | TOC CAL 2.0PPM | <u>WP111258</u> | 12/27/2024 | 01/03/2025 | Niha Farheen Shaik | None | WETCHEM_F IPETTE 3 | 01/02/2025 |
| | | | | | | | (WC) | 01/02/2020 |

FROM 99.00000ml of W3112 + 1.00000ml of WP111253 = Final Quantity: 100.000 ml



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Wet Chemistry STANDARD PREPARATION LOG

| Recipe | | | | Expiration | <u>Prepared</u> | | | Supervised By | | |
|-----------|----------------|------------|------------|-------------|-----------------|----------------|------------------|---------------|--|--|
| <u>ID</u> | NAME | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | Iwona Zarych | | |
| 308 | TOC CAL 5.0PPM | WP111259 | 12/27/2024 | 01/03/2025 | Niha Farheen | None | WETCHEM_F | • | | |
| | | | | | Shaik | | IPETTE_3 | 01/02/2025 | | |
| | (WC) | | | | | | | | | |

| FROM | 97.50000ml of W3112 + 2.50000ml of WP111253 = Final Quantity: 100.000 ml |
|-------------|--|
|-------------|--|

| Recipe | | | | Expiration | <u>Prepared</u> | | | Supervised By |
|-----------|-----------------|------------|------------|-------------|-----------------|----------------|------------------|---------------|
| <u>ID</u> | NAME | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | Iwona Zarych |
| 310 | TOC CAL 20.0PPM | WP111260 | 12/27/2024 | 01/03/2025 | Niha Farheen | None | None | - |
| | | | | | Shaik | | | 01/02/2025 |

FROM 90.00000ml of W3112 + 10.00000ml of WP111253 = Final Quantity: 100.000 ml





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Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | <u>NAME</u> | NO. | Prep Date | Expiration Date | Prepared By | <u>ScaleID</u> | <u>PipettelD</u> | Supervised By Iwona Zarych |
|--------------|------------------------|-----------------|------------|--------------------|-----------------------|----------------|------------------|----------------------------|
| 3331 | TOC CAL-CCV std, 10PPM | <u>WP111261</u> | 12/27/2024 | 01/03/2025 | Niha Farheen Shaik | None | None | 01/02/2025 |

| Recipe | | | | Expiration | Prepared | | | Supervised By |
|-------------------|-----------------------------|-----------------|-------------------------|------------|--------------------|------------------------|-------------------|---------------|
| <u>ID</u> 1650 | NAME TOC ICV/LCS STD. 10PPM | NO. WP111262 | Prep Date 12/27/2024 | | By Niha Farheen | <u>ScaleID</u> None | PipetteID None | Iwona Zarych |
| | 1.00.0200 0.5. 101 1 111 | | | 3 33/2020 | Shaik | | 1.3110 | 01/02/2025 |

FROM 190.00000ml of W3112 + 10.00000ml of WP111254 = Final Quantity: 200.000 ml



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Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | <u>NAME</u> | NO. | Prep Date | Expiration Date | Prepared By | <u>ScaleID</u> | <u>PipetteID</u> | Supervised By Iwona Zarych | |
|--------------|-------------|----------|------------|--------------------|----------------|----------------|------------------|----------------------------|--|
| 4003 | Solution A | WP111263 | 12/27/2024 | 12/31/2024 | Niha Farheen | WETCHEM_S | None | | |
| | | | | | Shaik | CALE_5 (WC | | 01/02/2025 | |
| | SC-5) | | | | | | | | |

| FROM | 1000.00000ml of W3112 + 2.56500gram of W3018 = Final Quantity: 1000.000 ml |
|-------------|--|
|-------------|--|

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|--------------|------|-----|------------|--------------------|----------------|------------|-----------|---------------|
| 4004 | | | 12/27/2024 | <u> </u> | | WETCHEM S | | lwona Zarych |
| | | | | | Shaik | CALE_5 (WC | | 01/02/2025 |

FROM

0.24800gram of W3020 + 0.28100gram of M5501 + 0.28300gram of W2800 + 0.59400gram of W1993 + 1000.00000ml of W3112 + 2.05000gram of W3017 = Final Quantity: 1000.000 ml



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Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | <u>ScaleID</u> | <u>PipetteID</u> | Supervised By Iwona Zarych | |
|--------------|------------|----------|------------|--------------------|-----------------------|-------------------------|------------------|----------------------------|--|
| 4005 | Solution C | WP111265 | 12/27/2024 | 01/03/2025 | Niha Farheen Shaik | WETCHEM_S CALE_5 (WC | | 01/02/2025 | |
| FROM | SC-5) | | | | | | | | |

| ROM | 0.70500gram of W3016 + | + 1000.00000ml of W3112 | + 2.80600gram of W2647 | = Final Quantity: 1000.000 ml |
|-----|------------------------|-------------------------|------------------------|-------------------------------|
| | | | | |

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|--------------|------|-----|------------|--------------------|----------------|------------|-----------|---------------|
| 4006 | | | 12/27/2024 | <u> </u> | | WETCHEM S | | lwona Zarych |
| | | | | | Shaik | CALE_5 (WC | | 01/02/2025 |

1.86200gram of W3022 + 1000.00000ml of W3112 = Final Quantity: 1000.000 ml **FROM**





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Wet Chemistry STANDARD PREPARATION LOG

| Recipe ID | NAME | <u>NO.</u> | Prep Date | Expiration Date | Prepared By | <u>ScaleID</u> | <u>PipettelD</u> | Supervised By Iwona Zarych |
|--------------|--|-----------------|------------|--------------------|-----------------------|----------------|-----------------------|----------------------------|
| 4007 | IC-removal check solution | <u>WP111267</u> | 12/27/2024 | 12/31/2024 | Niha Farheen Shaik | None | WETCHEM_F IPETTE_3 | , |
| FROM | FROM 0.04000ml of M6041 + 10.00000ml of WP111263 + 10.00000ml of WP111264 + 10.00000ml of WP111265 + 10.00000ml of | | | | | | | |

WP111266 = Final Quantity: 40.000 ml

| Recipe | | | | Expiration | Prepared | | | Supervised By |
|-----------|----------------------------------|----------|------------|-------------|--------------|----------------|------------------|---------------|
| <u>ID</u> | <u>NAME</u> | NO. | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | Iwona Zarych |
| 3887 | Inorganic carbon solution, 20ppm | WP111268 | 12/27/2024 | 01/03/2025 | Niha Farheen | None | WETCHEM_F | • |
| | | | | | Shaik | | IPETTE_3 | 01/02/2025 |

49.00000ml of W3112 + 1.00000ml of WP110767 = Final Quantity: 50.000 ml **FROM**



CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------------------|--|-----------------|--------------------|----------------------------|--------------------------------|-------------------|
| Seidler Chemical | BA-3624-05 / Sodium Chloride, Crystal (cs/4x2.5kg) | 0000281938 | 07/06/2026 | 07/24/2023 / mohan | 04/14/2023 / mohan | M5501 |
| 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 # |
| PCI Scientific Supply, Inc. | J0660-1 / AMMONIUM CHLORIDE, ACS, 500G | XE09B | 04/08/2025 | 04/08/2015 / apatel | 04/08/2015 / apatel | W1993 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| PCI Scientific Supply, Inc. | J3506-5 / SODIUM BICARBONATE, PWD, | 0000240594 | 06/03/2026 | 02/24/2020 / AMANDEEP | 01/20/2020 / apatel | W2647 |
| | ACS, 2.5KG | | | | | |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / | Chemtech Lot # |
| Supplier PCI Scientific Supply, Inc. | | Lot # 201089 | 1 - | = | | |
| PCI Scientific | ItemCode / ItemName P243-500 / Potassium Hydrogen Phthalate, 500 | 1 | Date | Opened By 12/23/2020 / | Received By 12/16/2020 / | Lot # |



CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------------|--|------------|--------------------|----------------------------|--------------------------------|-------------------|
| PCI Scientific Supply, Inc. | J0260-3 / Phosphoric Acid, 2.5 L | 0000278313 | 01/31/2026 | 07/12/2021 / apatel | 07/12/2021 / apatel | W2860 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| SIGMA ALDRICH | S9390-100G / Sodium phosphate dibasic heptahydrate | SLCP6576 | 11/30/2025 | 04/03/2023 / Iwona | 04/03/2023 / Iwona | W3016 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| SIGMA ALDRICH | C7902-500G / Calcium chloride dihydrate - 500G | SLCP4280 | 08/31/2025 | 04/03/2023 / lwona | 04/03/2023 / lwona | W3017 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| PCI Scientific Supply, Inc. | J2500-1 / MAGNESIUM SULFATE 7-HYDRATE CRYSTALS 500G | SLCN3621 | 12/31/2024 | 04/03/2023 / Iwona | 04/03/2023 / Iwona | W3018 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / | Chemtech Lot # |
| Thermo Fisher Scientific | 012364.36 / Calcium nitrate tetrahydrate, ACS, 99.0-103.0% | MKCS4612 | 09/30/2025 | 04/03/2023 / Iwona | 04/03/2023 / Iwona | W3020 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| SIGMA ALDRICH | S4392-250G / Sodium metasilicate nonahydrate | SLCM8472 | 03/31/2025 | 04/05/2023 / Iwona | 04/05/2023 / Iwona | W3022 |



Fax: 908 789 8922

CHEMICAL RECEIPT LOG BOOK

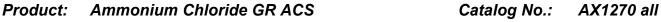
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------------|---|------------|--------------------|----------------------------|--------------------------------|-------------------|
| PCI Scientific Supply, Inc. | EM-SX0395-3 / SODIUM CARBONATE ANHYDR 2.5KG | 2023012653 | 10/19/2028 | 09/03/2024 / jignesh | 10/19/2023 / Iwona | W3058 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------------|---|------------|--------------------|----------------------------|--------------------------------|-------------------|
| PCI Scientific Supply, Inc. | P243-500 / Potassium Hydrogen Phthalate, 500 | 24A1956910 | 01/18/2025 | 06/26/2024 / Iwona | 06/26/2024 / Iwona | W3111 |
| | gms | | | | | |

| 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 / lwona | 07/03/2024 / Iwona | W3112 |

Certificate of Analysis

Date of Release: 5/12/2014



size codes

Grade: Meets ACS Specifications CAS #: 12125-02-9

Country of Origin: India FW: 53.49

Lot No.: XE09B ClH_4N

| Requirement | | | | | | |
|-----------------------------|----------------|---------|----------------|-----|--|--|
| Characteristic | Minimum | Maximum | Results | UOM | | |
| Assay (argentometric) | 99.5 | | 99.8 | % | | |
| Calcium (Ca) | | 0.001 | 0.0001 | % | | |
| Form | White crystals | | White crystals | | | |
| Heavy metals (as Pb) | | 5 | 5 | ppm | | |
| Identification | To pass test | | Passes | | | |
| Insoluble matter | | 0.005 | 0.002 | % | | |
| Iron (Fe) | | 2 | 2 | ppm | | |
| Loss on drying (105 C) | | 0.5 | 0.22 | % | | |
| Magnesium (Mg) | | 5 | 0.7 | ppm | | |
| pH of a 5% solution at 25 C | 4.5 | 5.5 | 4.95 | | | |
| Phosphate (PO4) | | 2 | 2 | ppm | | |
| Residue after ignition | | 0.01 | 0.002 | % | | |
| Sulfate (SO4) | | 0.002 | 0.002 | % | | |

Joe Schoellkopff

Quality Control Manager

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

F 7.5.3-3 Q # 017800 MA5666 XE09BCOA HMXE09

Sodium Bicarbonate, Powder BAKER ANALYZED® A.C.S. Reagent

(sodium hydrogen carbonate)



Material No.: 3506-05 Batch No.: 0000240594

Manufactured Date: 2019/06/05 Retest Date: 2026/06/03

Revision No: 1

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test | Specification | Result |
|---|----------------|---------|
| Assay (NaHCO3) (dried basis) | 99.7 - 100.3 % | 100.1 |
| Insoluble Matter | <= 0.015 % | < 0.002 |
| Chloride (Cl) | <= 0.003 % | 0.003 |
| Phosphate (PO4) | <= 0.001 % | 0.001 |
| Sulfur Compounds (as SO4) | <= 0.003 % | 0.003 |
| Calcium (Ca) | <= 0.02 % | 0.02 |
| Frace Impurities – Iron (Fe) | <= 0.001 % | 0.001 |
| Magnesium (Mg) | <= 0.005 % | 0.005 |
| Potassium (K) | <= 0.005 % | 0.005 |
| Ammonium (NH4) | <= 5 ppm | 5 |
| Trace Impurities – ACS – Heavy Metals (as Pb) | <= 5 ppm | 5 |

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

Country of Origin: US

Packaging Site: Paris Mfg Ctr & DC



Phosphoric Acid BAKER ANALYZED® A.C.S. Reagent

(orthophosphoric acid)



Material No.: 0260-03 Batch No.: 0000278313 Manufactured Date: 2021/02/01

Retest Date: 2026/01/31

Revision No: 2

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test | Specification | Result |
|-----------------------------------|-------------------|---------|
| Assay (H3PO4) (by acidimetry) | 85.0 - 87.0 % | 85.8 |
| Calcium (Ca) | <= 0.002 % | < 0.001 |
| Color (APHA) | <= 10 | 5 |
| Insoluble Matter | <= 0.001 % | < 0.001 |
| ACS – Magnesium (Mg) | <= 0.002 % | < 0.002 |
| Sulfate (SO4) | <= 12 ppm | < 4 |
| Volatile Acids (as CH₃COOH) | <= 0.001 % | 0.001 |
| Reducing Substances | Passes Test | PT |
| Chloride (Cl) | <= 3 ppm | < 1 |
| Nitrate (NO3) | <= 5 ppm | < 2 |
| Trace Impurities - Antimony (Sb) | <= 20.000 ppm | 0.007 |
| Trace Impurities – Arsenic (As) | <= 0.500 ppm | < 0.001 |
| Trace Impurities – Iron (Fe) | <= 10.000 ppm | < 1.000 |
| Heavy Metals (as Pb) | <= 8 ppm | < 3 |
| Frace Impurities – Manganese (Mn) | <= 0.500 ppm | 0.005 |
| Trace Impurities – Potassium (K) | <= 40.000 ppm | < 0.001 |
| Trace Impurities – Sodium (Na) | <= 200.000 ppm | 0.082 |

For Laboratory, Research or Manufacturing Use

Exceeds A.C.S. Specifications

Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US

Packaging Site: Phillipsburg Mfg Ctr & DC



W3016 Rec 04/03/23 12

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA:

techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Name:

Certificate of Analysis

Sodium phosphate dibasic heptahydrate - ACS reagent, 98.0-102.0%

Product Number:

S9390

Na₂HPO₄ • 7H₂O

Batch Number:

SLCP6576

Brand:

SIGALD

CAS Number:

7782-85-6

MDL Number:

MFCD00149180

Formula:

VIPCD00149180

Formula Weight:

HNa2O4P · 7H2O

Quality Release Date:

268.07 g/mol 02 NOV 2022

Recommended Retest Date:

NOV 2025

| Test | Specification | Result |
|----------------------------|----------------|----------|
| Appearance (Color) | White | White |
| Appearance (Form) | Pow der | Powder |
| Assay | 98.0 - 102.0 % | 99.8 % |
| Insoluble Matter | ≤ 0.005 % | 0.003 % |
| Chloride (CI) | Pass | Pass |
| < or = 0.001% | | |
| Sulfate | Pass | Pass |
| < or = 0.005% | | |
| Iron (Fe) | Pass | Pass |
| < or = 0.001% | | |
| Heavy Metals | < = 0.001% | < 0.001% |
| by ICP | | |
| На | 8.7 - 9.3 | 9.2 |
| of 5% solution at 25 deg C | | |
| Note | | |
| ACS Tests | | |

Brian Dulle, Supervisor Quality Assurance

St. Louis, Missouri US

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

W3017 Rec. 4/3/23

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Name:

Certificate of Analysis

Calcium chloride dihydrate - BioReagent, suitable for cell culture, suitable for insect cell culture, suitable for plant cell culture. ≥99.0%

Product Number:

C7902

CaCl₂ • 2H₂O

Batch Number:

SLCP4280

Brand:

SIGMA

CAS Number:

10035-04-8

MDL Number:

MFCD00149613

Formula:

CaCl2 · 2H2O

Formula Weight:

147.01 g/mol

Quality Release Date: Recommended Retest Date: 14 NOV 2022 AUG 2025

| Test | Specification | Result | |
|---|--|---------------------------------------|--|
| Appearance (Color) Appearance (Form) Solubility (Color) Solubility (Turbidity) 294 mg/mL, H2O | White Powder Colorless Clear | White Powder Colorless Clear | |
| Titration with EDTA Cell Culture Test Insect Cell Test Plant Cell Culture Test | 99.0 - 105.0 % Pass Pass Pass | 103.3 % Pass Pass Pass | |

Brian Dulle, Supervisor Quality Assurance

St. Louis, Missouri US

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W3018 lec. 4/3/23

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com Outside USA: eurtechserv@sial.com

Product Name:

Certificate of Analysis

MgSO₄ • 7H₂O

Magnesium sulfate heptahydrate - ReagentPlus® , ≥99.0%

Product Number:

M1880

Batch Number:

SLCN3621

Brand:

SIGALD

CAS Number:

10034-99-8

MDL Number:

MFCD00149785

Formula:

Formula Weight:

MgO4S · 7H2O

Quality Release Date:

246.47 g/mol

Recommended Retest Date:

04 MAY 2022 DEC 2024

| Appearance (Color) |
|------------------------|
| Appearance (Form) |
| Solubility (Color) |
| Solubility (Turbidity) |

Specification White

Result White

100 mg/mL, H2O

Test

Powder or Crystals Colorless

Crystals

Clear

Colorless Clear

Titration with EDTA

> 99.0 %

100.6 %

Brian Dulle, Supervisor Quality Assurance St. Louis, Missouri US

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

W 3020 Rec. 4/3/23

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com Outside USA: eurtechserv@sial.com

Product Name:

Certificate of Analysis

Ca(NO₃)₂ • 4H₂O

Calcium nitrate tetrahydrate - ACS reagent, 99%

Product Number:

237124

Batch Number:

MKC\$4612

Brand:

SIGALD

CAS Number:

13477-34-4

MDL Number:

Formula:

MFCD00149604

Formula Weight:

CaN2O6 · 4H2O

236.15 g/mol

Quality Release Date:

27 FEB 2023

Recommended Retest Date:

SEP 2025

| Test | Specification | Result |
|---------------------------------------|---------------------------|-----------|
| Appearance (Color) | White | White |
| Appearance (Form) | Conforms to Requirements | Crystals |
| Granular Powder or Crystals or Flakes | · | , |
| Complexometric EDTA | 99.0 - 103.0 % | 99.6 % |
| X-Ray Diffraction | Conforms to Structure | Conforms |
| pH | 5.0 - 7.0 | 5.4 |
| c = 5%, Water, 25 Deg C | | |
| Insoluble Matter | ≤ 0.005 % | < 0.001 % |
| c = 10%, Water | | |
| Chloride Content | ≤ 0.005 % | < 0.005 % |
| Nitrite (NO2) | < 0.001 % | < 0.001 % |
| Sulfate (SO4) | < 0.002 % | < 0.002 % |
| Barium | < 0.005 % | < 0.001 % |
| Heavy Metals | < 5.0 ppm | < 1.0 ppm |
| by ICP-OES | | 1.0 ppm |
| ron (Fe) | < 5.0 ppm | < 1.0 ppm |
| Magnesium (Mg) | < 0.05 % | < 0.01 % |
| Potassium (K) | < 0.005 % | |
| Sodium (Na) | < 0.01 % | < 0.001 % |
| Strontium (Sr) | | < 0.01 % |
| feets ACS Requirements | < 0.05 % | < 0.01 % |
| 1000 Mgallements | Current ACS Specification | Conforms |

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

Version Number: 1

Page 1 of 2

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 Number: Batch Number:

237124 MKCS4612

Larry Coers, Director Quality Control Milwaukee, WI US

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

W 3022 Pec. 4/5/23 12

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Name:

Certificate of Analysis

Sodium metasilicate nonahydrate - ≥98%

Product Number:

S4392

Batch Number:

SLCM8472

Brand:

ALDRICH

CAS Number:

13517-24-3

MDL Number:

MFCD00149175

Formula:

Na2O3Si · 9H2O

Formula Weight:

284.20 g/mol

Quality Release Date:

14 MAR 2022

Recommended Retest Date:

MAR 2025

| Test | Specification | Result | |
|---|------------------|-----------|--|
| Appearance (Color) | White | White | |
| Appearance (Form) | Pow der | Powder | |
| Solubility (Color) | Colorless | Colorless | |
| Solubility (Turbidity) 50 mg/ml, H2O | Clear | Clear | |
| Titration with HCl | <u>></u> 98 % | 100 % | |

Brian Dulle, Supervisor Quality Assurance

St. Louis, Missouri US

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Certificate Of Analysis

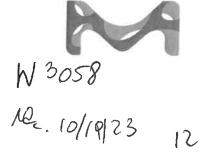


Date of Release: 1/27/2023

Name: Sodium Carbonate, Anhydrous

Powder, ACS

Item No: SX0395 All Sizes Lot / Batch No: 2023012653 Country of Origin: India



| ltem | Specifications | Analysis |
|---------------------------------------|----------------|-------------|
| Assay (calculated on dried substance) | 99.5% min. | 100.2% |
| Calcium (Ca) | 0.03% max. | 0.004% |
| Chloride (CI) | 0.001% max. | <0.001% |
| Color | White | Passes Test |
| Form | Powder | Passes Test |
| Heavy metals (by ICP-OES) | 5 ppm max. | <5 ppm |
| Insoluble Matter | 0.01% max. | 0.003% |
| Iron (Fe) | 5 ppm max. | <5 ppm |
| Loss on heating at 285C | 1.0% max. | 0.1% |
| Magnesium (Mg) | 0.005% max. | 0.0008% |
| Phosphate (PO4) | 0.001% max. | <0.001% |
| Potassium (K) | 0.005% max. | 0.003% |
| Silica (SiO2) | 0.005% max. | <0.005% |
| Sulfur compounds (as SO4) | 0.003% max. | <0.003% |

Joe Schoellkopff

Quality Control Manager

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

EMD Millipore is a division of Merck KGaA, Darmstadt, Germany

EMD Millipore Corporation

400 Summit Drive Burlington, MA 01803 U.S.A.

Form number: 00005624CA, Rev. 2.0



Certificate of Analysis

1 Reagent Lane Fair Lawn, NJ 07410 201.796.7100 tel 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

| Catalog Number | P217 | Quality Test / Release Date | 09/03/2020 |
|-------------------|---|-----------------------------|------------|
| Lot Number | 198947 | | |
| Description | POTASSIUM CHLORIDE, A.C.S. | | |
| Country of Origin | United States | Suggested Retest Date | Sep/2025 |
| Chemical Origin | Inorganic-non animal | | |
| BSE/TSE Comment | No animal products are used as starting reprocessing aids, or any other material that | | |

| N/A | | | |
|---------------------------|-----------|--------------------------------|---------------------|
| Result Name | Units | Specifications | Test Value |
| APPEARANCE | | REPORT | White crystals |
| ASSAY | % | Inclusive Between 99.0 - 100.5 | 99.7 |
| BARIUM (Ba) | PASS/FAIL | = P.T. (ABOUT 0.001%) | P.T. (ABOUT 0.001%) |
| BROMIDE | % | <= 0.01 | <0.01 |
| CALCIUM | % | <= 0.002 | <0.002 |
| CHLORATE & NITRATE | % | <= 0.003 | <0.001 |
| HEAVY METALS (as Pb) | ppm | <= 5 | <5 |
| IDENTIFICATION | PASS/FAIL | = PASS TEST | PASS TEST |
| INSOLUBLE MATTER | % | <= 0.005 | <0.005 |
| IODIDE | % | <= 0.002 | <0.002 |
| IRON (Fe) | ppm | <= 2 | <1 |
| MAGNESIUM | % | <= 0.001 | <0.0005 |
| PH 5% SOLUTION @ 25 DEG C | | Inclusive Between 5.4 - 8.6 | 6.0 |
| PHOSPHATE (PO4) | ppm | <= 5 | <5 |
| SODIUM (Na) | % | <= 0.005 | <0.005 |
| SULFATE (SO4) | % | <= 0.001 | <0.001 |



Julian Burton - Quality Control Manager - Fair Lawn



Certificate of Analysis

1 Reagent Lane Fair Lawn, NJ 07410 201.796.7100 tel 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

| Catalog Number | P243 | Quality Test / Release Date | 06/19/2020 |
|-------------------|---|-----------------------------|------------|
| Lot Number | 201089 | | |
| Description | POTASSIUM HYDROGEN PHTHALATE, | ACIDIMETRIC STANDARD, A.C.S | S |
| Country of Origin | Spain | Suggested Retest Date | Jun/2025 |
| Chemical Origin | Organic - non animal | | |
| BSE/TSE Comment | No animal products are used as starting raprocessing aids, or any other material that | | |

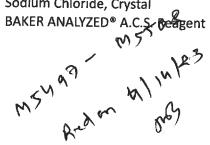
| N/A | | | |
|---------------------------------------|------------------------|----------------------------------|----------------|
| Result Name | Units | Specifications | Test Value |
| APPEARANCE | | REPORT | WHITE CRYSTALS |
| ASSAY POTASSIUM HYDROGEN PHTHALATE | % | Inclusive Between 99.95 - 100.05 | 100.03 |
| CHLORINE COMPOUNDS | % | <= 0.003 | <0.003 |
| HEAVY METALS (as Pb) | ppm | <= 5 | <5 |
| IDENTIFICATION | PASS/FAIL | = PASS TEST | PASS TEST |
| INSOLUBLE MATTER | % | <= 0.005 | <0.005 |
| IRON (Fe) | ppm | <= 5 | <5 |
| PH OF 0.05M SOLUTION | | Inclusive Between 4.00 - 4.02 | 4.00 |
| SODIUM (Na) | % | <= 0.005 | <0.005 |
| SULFUR COMPOUNDS | % | <= 0.002 | <0.002% |
| TRACEABLE TO NIST | SOD CARBONATE | = LOT 351a | 351a |
| TRACEABLE TO NIST KHP STD | POT. ACID PHTHALATE | = LOT 84L | 84L |

Julian Burton

Julian Burton - Quality Control Manager - Fair Lawn

^{*}Based on suggested storage condition.

Sodium Chloride, Crystal







Material No.: 3624-01

Batch No.: 0000281938

Manufactured Date: 2021-06-07

Retest Date: 2026-06-07

Revision No.: 2

Certificate of Analysis

| Test | Specification | Result |
|------------------------------------|---------------|-------------|
| Assay (NaCl) (by Ag titrn) | ≥ 99.0 % | 100.0 % |
| pH of 5% Solution at 25°C | 5.0 - 9.0 | 6.3 |
| Insoluble Matter | ≤ 0.005 % | 0.003 % |
| lodide (I) | ≤ 0.002 % | < 0.002 % |
| Bromide (Br) | ≤ 0.01 % | < 0.01 % |
| Chlorate and Nitrate (as NO₃) | ≤ 0.003 % | < 0.001 % |
| ACS - Phosphate (PO ₄) | ≤ 5 ppm | < 5 ppm |
| Sulfate (SO ₄) | ≤ 0.004 % | < 0.004 % |
| Barium (Ba) | Passes Test | Passes Test |
| ACS - Heavy Metals (as Pb) | ≤ 5 ppm | < 5 ppm |
| Iron (Fe) | ≤ 2 ppm | < 1 ppm |
| Calcium (Ca) | ≤ 0.002 % | < 0.001 % |
| Magnesium (Mg) | ≤ 0.001 % | < 0.001 % |
| Potassium (K) | ≤ 0.005 % | 0.001 % |

For Laboratory, Research, or Manufacturing Use Meets Reagent Specifications for testing USP/NF monographs Country of Origin: USA Packaging Site: Paris Mfg Ctr & DC



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





Material No.: 9673-33

Batch No.: 23D2462010 Manufactured Date: 2023-03-22

Retest Date: 2028-03-20

Revision No.: 0

Certificate of Analysis

| Test | Specification | Result |
|---|---------------|-------------|
| ACS - Assay (H2SO4) | 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 (CI) | ≤ 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 (AI) | ≤ 30.0 ppb | < 5.0 ppb |
| Arsenic and Antimony (as As) | ≤ 4.0 ppb | < 2.0 ppb |
| Trace Impurities - Boron (B) | ≤ 10.0 ppb | 8.5 ppb |
| Trace Impurities – Cadmium (Cd) | ≤ 2.0 ppb | < 0.3 ppb |
| Trace Impurities - Chromium (Cr) | ≤ 6.0 ppb | < 0.4 ppb |
| Trace Impurities - Cobalt (Co) | ≤ 0.5 ppb | < 0.3 ppb |
| Trace Impurities - Copper (Cu) | ≤ 1.0 ppb | < 0.1 ppb |
| 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





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





Certificate of Analysis

01/19/2022

01/18/2025

POTASSIUM HYDROGEN PHTHALATE

Material: N983

Grade: ACS GRADE Batch Number: 24A1956910

Chemical Formula: HOOCC6H4COOK

Molecular Weight: 204.22

CAS #: 877-24-7

Appearance: Storage: Room Temperature

White crystals.

| TEST | SPECIFICATION | ANALYSIS | DISPOSITION |
|------------------------|------------------|----------|-------------|
| Assay (dried basis) | 99.95 - 100.05 % | 99.97 % | PASS |
| Chlorine Compounds | <= 0.003 % | <0.003 % | PASS |
| Heavy Metals (as Pb) | <= 5 ppm | <5 ppm | PASS |
| Insoluble Matter | <= 0.005 % | 0.003 % | PASS |
| Iron | <= 5 ppm | <5 ppm | PASS |
| pH (0.05M, Water) @25C | 4.00 - 4.02 | 4.00 | PASS |
| Sodium | <= 0.005 % | <0.005 % | PASS |
| Sulfur Compounds | <= 0.002 % | <0.002 % | PASS |

Manufacture Date:

Reassay Date:

Spec Set: N983ACS

Internal ID #: 710

Signature Additional Information

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid

without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon

VWR Chemicals, LLC.

28600 Fountain Parkway, Solon OH 44139 USA

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

Product meets analytical specifications of the grades listed.



SHIPPING DOCUMENTS

TANDAM NAMED NO

Summit Environmental Technologies, Inc. ADDRESS

3310 Win St.

FAX: (330) 253-4489

Website: http://www.settek.com

(D5409 Cuyahoga Falls, Ohio 44223

| SUB CON | SUB CONTRATOR: Chemtech NJ | N. | COMPANY: C | Chemtech | | SPECIAL INSTRUCTIONS / COMMENTS: Denote to Holly Flores | |
|------------|--|--------------------------|-----------------------|------------|----------------|---|--|
| ADDRESS: | | 284 Sheffield St., Ste 1 | | | | PO 24120833 | |
| CITY, ST | CITY, STATE, ZIP: Mountainside, NJ 07092 | ıside, NJ 0709. | 2 | | | | |
| PHONE: | PHONE: (908) 789-8900 | FAX: | EMAIL: | | | ANALYTICAL PARAMETERS | |
| ACCOUNT #: | # L7 | | | | | FOC (SM | COMMENTS |
| ITEM # | SAMPLE ID | Client Sample ID | Bottle Type | MATRIX | DATE COLLECTED | (5310) NUMBER OF CONTAINERS | Methanol Preserved Weights HOT Sample Noration Additional Sample Description, etc. |
| Н | 1 24120833-00 244758 | 4758 | P-250_H2SO Non-Potabl | Non-Potabl | 12/2/2024 | 1 1 | |

| | | | (| | | |
|------------------|--------------------------------|-------------|-------------------|--|---------------------------|--|
| Celinquished By/ | Date; A. Time: H. Received By: | une: ITAD R | cceived By: | Date: (2.3 | Date: Time: 12.31-24 9:44 | REPORT TRANSMITTAL DESIRED: |
| Relinquished B | Date: | ime: R | eceived By: | Date: | Time: | ☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE |
| Relinquished By: | Date: Ti | Time: Ro | Received By: | Date: | Time; | FOR LAB USE ONLY |
| TAT: Stan | Standard | RUSH | Next BD | 2nd BD | 3rd BD | Temp of samples \(\begin{align*} \begin{align*} \cdot \ell & \ell & \cdot \ell & \c |
| | | | Note: RUSH reques | Note: RUSH requests will incur surcharges! | 7.0 | |
| | | | | | | |

From: Holly Florea <hflorea@settek.com>
Sent: Thursday, January 02, 2025 2:33 PM
Subject: RE: TOC from Summit coming

Attachments: SubCOC_24120422_v1.pdf; P5410-TR (1).pdf; P5407-TR.pdf; P5406-TR.pdf

See revised COCs. I only checked the collection dates for the COCs you attached to the original email. It would be best if you included our sample IDs or job numbers as we won't be able to cross reference them with your numbers in our system. I appreciate all your help and you can proceed with the expired samples.

Please note, in the near future my email address will be updated to Holly.Florea@AllianceTG.com. Please ask your IT department to whitelist the following domain from which you could receive email contact from Alliance to ensure emails do not go into your SPAM file: AllianceTG.com.



Holly Florea Senior Project Manager Mobile: 937-409-3646

Address: 3310 Win Street, Cuyahoga Falls, Ohio 44223

www.settek.com

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Please let us know how we are doing by participating in an online survey at https://www.surveymonkey.com/r/S25XFKG

From: Kiran Saleem < Kiran. Saleem@alliancetg.com>

Sent: Thursday, January 2, 2025 2:17 PM

To: Holly Florea <hflorea@settek.com>; Christina Gemma <CGemma@settek.com>

Cc: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Jennifer Woolf <jwoolf@settek.com>

Subject: Re: TOC from Summit coming

Holly & Christina,

The holding time for TOC is 28 days. If the collection date falls in December, the sample remains within the holding time. However, the Chain of Custody (COC) forms show varying collection dates. For example, in P5404, Sample 3 has a collection date of 4/29/2024, Sample 6 has a collection date of 5/3/2024, and Sample 8 has a collection date of 5/8/2024. This indicates that these samples are outside the required holding time.

Please let me know, should we update the collection dates, if yes:

- To what date?
- And for all Projects?

Please let me know, Thanks!



| SUB CO | NTRATOR: Chemt | ech NJ | COMPANY: | Chemtech | | | | | | | COMMENTS |
|-----------|-----------------|--------------------|--------------|-------------|------------------------------------|------------------|-----------|---------|--------|--------|----------|
| ADDRES | s: 284 Sh | effield St., Ste 1 | | | | | |): 2412 | | riorea | hflorea |
| CITY, ST | ATE, ZIP; Mount | ainside, NJ 0709 | 2 | | 400 0.0 | | | | | | |
| | (908) 789-890 | | EMAIL: | | | | | Al | NALYTI | CAL PA | RAMETERS |
| ACCOU | | ··· | | | | | TOC (SM53 | | | | |
| ITEM # | SAMPLE ID | Clien: Sample ID | Bottle Type | MATRIX | DATE COLLECTE | CONTAINERS | 9 | | | | |
| 1 | 24120422-00 | 244661 | 40ML-AMB- | Non-Potabl | /26/2024 11:15:00 | AM 4 | Y | | 1 | | |
| 2 | 24120422-00 | 244662 | 40ML-AMB- | Non-Potabl | /26/2024 11:15:00 | AM 4 | V | | | | |
| 3 | 24120422-00 | 244663 | 40ML-AMB- | Non-Potab | 4/29/2024 3:52:00 | PM 1 | V | | | | |
| 4 | 24120422-00 | 244664 | 40ML-AMB- | Non-Potabl | 4/29/2024 4:22:00 | DPM 1 | V | | | T | |
| 5 | 24120422-00 | 244665 | 40ML-AMB- | Non-Potabl | 5/3/2024 8:57:00 | AM 1 | 1 | | | T | |
| 6 | 24120422-00 | 244666 | 40ML-AMB- | Non-Potabl | 5/3/2024 9:07:00 | AM 1 | V | | | | |
| 7 | 24120422-00 | 244667 | 40ML-AMB- | Non-Potabl | 5/8/2024 2:18:00 |) PM 1 | V | | | + | - 111 |
| 8 | 24120422-00 | 244668 | 40ML-AMB- | Non-Potab | 5/8/2024 2:37:00 | PM 1 | V | | | T | |
| 9 | 24120422-00 | 244669 | 40ML-AMB- | Non-Potabl | 6/7/2024 10:55:00 | AM 1 | V | | | T | |
| 10 | 24120422-01 | 244670 | 40ML-AMB- | Non-Potabl | 6/7/2024 11:15:00 | AM 1 | V | | | | |
| 11 | 24120422-01 | 244671 | 40ML-AMB- | Non-Potabl | 7/3/2024 9:35:00 | AM 1 | V | | | | |
| 12 | 24120422-01 | 244672 | 40ML-AMB- | Non-Potabl | 7/3/2024 10:04:00 | DAM 1 | V | | | | |
| Relinquie | thod By: | Date: 30 2 | Time: DUO Ro | cocived By: | | Date: 2-3(-29 | | Time: | ,] | | |
| Relinquis | hed By: | Date: | | occived By: | V . | Date: | | q:4 | ٧. | | HAI |
| Relinquis | hed By: | Date: | Time: Re | ocived By: | i i | Date: | | Time: | | | |
| | TAT: | Standord | RUSH | Next BD | 2nd BD requests will incur sure | | e BD | ī+ | | | Comm |

Thank you!

NOTE: Chemtech is now an Alliance Technical Group company. Please add <u>AllianceTG.com</u> to your safe senders list to ensure receipt of important emails.

Regards,



Kiran Saleem Project Manager Alliance Technical Group Main: 908-789-8900

Direct: 908-728-3148

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com

From: Christina Gemma < CGemma@settek.com>

Sent: Thursday, January 2, 2025 1:22 PM

To: Kiran Saleem < Kiran.Saleem@alliancetg.com >; Jennifer Woolf < jwoolf@settek.com >

Cc: Yazmeen Gomez < Yazmeen.Gomez@alliancetg.com >

Subject: Re: TOC from Summit coming

Hello Kiran,

The collection month for all of the samples is December.

From: Kiran Saleem < Kiran.Saleem@alliancetg.com >

Sent: Thursday, January 2, 2025 12:54 PM

To: Christina Gemma < CGemma@settek.com; Jennifer Woolf jwoolf@settek.com>

Cc: Yazmeen Gomez < Yazmeen.Gomez@alliancetg.com>

Subject: Re: TOC from Summit coming

Good Afternoon Christina.

I am reaching out regarding the followings:

- Can you please confirm the Sample Collection Dates for the above mentioned COCs, they are not clear.
- The samples for these projects were out of holding time P5404; P5406; P5407; P5408; P5409; P5410. It's a standard procedure to inform the client.

Happy New Year to you & your team - Thank you!

NOTE: Chemtech is now an Alliance Technical Group company. Please add <u>AllianceTG.com</u> to your safe senders list to ensure receipt of important emails.

Regards,



Kiran Saleem
Project Manager
Alliance Technical Group

Main: 908-789-8900 **Direct:** 908-728-3148

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com

From: Christina Gemma < CGemma@settek.com Sent: Tuesday, December 31, 2024 1:00 PM

To: Kiran Saleem <Kiran.Saleem@alliancetg.com>; Jennifer Woolf <jwoolf@settek.com>

Subject: Re: TOC from Summit coming

Kiran,

Sorry for that! Collection date for all of those samples is 12/10. Please let me know if you need anything else.

From: Kiran Saleem < <u>Kiran.Saleem@alliancetg.com</u>>
Sent: Tuesday, December 31, 2024 12:38 PM

To: Christina Gemma < CGemma@settek.com>; Jennifer Woolf < jwoolf@settek.com>

Subject: Re: TOC from Summit coming

Christina, thank you! Can you please let me the collection dates of the above-mentioned, it's not visible.

Our office will be CLOSED on the following dates:

January 1st for the Holiday

NOTE: Chemtech is now an Alliance Technical Group company. Please add <u>AllianceTG.com</u> to your safe senders list to ensure receipt of important emails.

Regards,



Kiran Saleem Project Manager Alliance Technical Group

Main: 908-789-8900 **Direct:** 908-728-3148

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com

From: Christina Gemma < CGemma@settek.com Sent: Tuesday, December 31, 2024 11:06 AM

To: Kiran Saleem <Kiran.Saleem@alliancetg.com>; Jennifer Woolf <jwoolf@settek.com>

Cc: jordan < jordan@chemtech.net >; Mohammad Ahmed < mohammad.ahmed@alliancetg.com >

Subject: Re: TOC from Summit coming

Hi Kiran.

I apologize for the confusion. We did not have enough residual volume to send for those samples - they can be disregarded on the COC.

From: Kiran Saleem < <u>Kiran.Saleem@alliancetg.com</u>>
Sent: Tuesday, December 31, 2024 10:43 AM

To: Jennifer Woolf < jwoolf@settek.com>

Cc: jordan < jordan@chemtech.net >; Christina Gemma < CGemma@settek.com >; Mohammad Ahmed

<mohammad.ahmed@alliancetg.com>
Subject: Re: TOC from Summit coming

Hello Jennifer,

We received the samples. Writing to let you know; sample management just informed me that for the attached COC, sample number 16, 18 and 19 are missing.

Our office will be **CLOSED** on the following dates:

January 1st for the Holiday

NOTE: Chemtech is now an Alliance Technical Group company. Please add <u>AllianceTG.com</u> to your safe senders list to ensure receipt of important emails.

Regards,



Kiran Saleem Project Manager Alliance Technical Group

Main: 908-789-8900 **Direct:** 908-728-3148

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com

From: Jennifer Woolf < <u>jwoolf@settek.com</u>>
Sent: Monday, December 30, 2024 10:57 AM

To: yazmeen <<u>yazmeen@chemtech.net</u>>; Kiran Saleem <<u>Kiran.Saleem@alliancetg.com</u>>

Cc: jordan <jordan@chemtech.net>; Christina Gemma <CGemma@settek.com>

Subject: TOC from Summit coming

We have more TOCs coming tomorrow. Just wanted to check on your receiving hours for tomorrow. My shipping department is trying to figure out what shipping priority to use to get them there while you are still open. (One of the samples is rush.)

Thanks,



Jennifer Woolf Project Manager

Office: 330.253.8211

Address: 3310 Win Street, Cuyahoga Falls, Ohio 44223

www.settek.com

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Please note, my new email address will be <u>jennifer.woolf@alliancetg.com</u>. Please ask your IT department to whitelist the following domain from which you could receive email contact from Alliance to ensure emails do not go into the SPAM file: <u>AllianceTG.com</u>

Please let us know how we are doing by participating in an online survey at https://www.surveymonkey.com/r/S25XFKG.



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