

P4648

Order ID:

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

8900, Fax: 908 789 8922

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

| lest: Oil allu Grease  |
|--|
| Prepbatch ID : Sequence ID/Qc Batch ID: LB133263,                            |
|  |
| Standard ID:<br>EP2554,WP108566,WP108567,WP108568,                           |
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|  |
| Chemical ID:<br>E3551,E3726,M5943,M6069,W2606,W2817,W2871,W3009,W3082,W3110, |
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Fax: 908 789 8922

#### **Extractions STANDARD PREPARATION LOG**

| Recipe<br>ID | NAME                    | NO.    | Prep Date  | Expiration<br>Date | Prepared<br>By       | <u>ScaleID</u>         | <u>PipetteID</u> | Supervised By Rajesh Parikh |
|--------------|-------------------------|--------|------------|--------------------|----------------------|------------------------|------------------|-----------------------------|
| 3923         | Baked Sodium Sulfate    | EP2554 | 10/26/2024 | 01/03/2025         | RUPESHKUMA<br>R SHAH | Extraction_SC<br>ALE 2 | None             | 10/26/2024                  |
|              | 1000 00000 150554 5: 10 |        | 2 222      |                    |                      | (EX-SC-2)              |                  | 10/20/2024                  |

**FROM** 4000.0000gram of E3551 = Final Quantity: 4000.000 gram

| 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  |
| 229       | 1:1 HCL | WP108566   | 06/27/2024 | 10/24/2024  | Jignesh Parikh  | None           | None             | 00/07/0004    |
|           |         |            |            |             |                 |                |                  | 06/27/2024    |

**FROM** 500.00000ml of M5943 + 500.00000ml of W2606 = Final Quantity: 1.000 L



Alliance

Fax: 908 789 8922

## Wet Chemistry STANDARD PREPARATION LOG

| Recipe<br>ID | NAME               | <u>NO.</u> | Prep Date  | Expiration<br>Date | Prepared<br>By | <u>ScaleID</u> | <u>PipetteID</u> | Supervised By Iwona Zarych |
|--------------|--------------------|------------|------------|--------------------|----------------|----------------|------------------|----------------------------|
| 2470         | 1664A SPIKING SOLN | WP108567   | 06/27/2024 | 12/25/2024         | Jignesh Parikh | None           | None             | ,                          |
|              |                    |            |            |                    |                |                |                  | 06/27/2024                 |

| FROM | 1000.00000ml of E3/26 + 4.00000gra | m of W2817 + 4.00000gram of W2871 | = Final Quantity: 1000.000 ml |
|------|------------------------------------|-----------------------------------|-------------------------------|
|      |                                    |                                   |                               |

| Recipe    |                               |            |            | Expiration  | <u>Prepared</u> |                |                  | Supervised By |
|-----------|-------------------------------|------------|------------|-------------|-----------------|----------------|------------------|---------------|
| <u>ID</u> | <u>NAME</u>                   | <u>NO.</u> | Prep Date  | <u>Date</u> | <u>By</u>       | <u>ScaleID</u> | <u>PipetteID</u> | Iwona Zarych  |
| 3374      | 1664A QCS spiking solution-SS | WP108568   | 06/27/2024 | 12/25/2024  | Jignesh Parikh  | WETCHEM_S      | None             |               |
|           |                               |            |            |             |                 | CALE_4 (WC     |                  | 06/27/2024    |

FROM 1000.00000ml of E3726 + 4.00000gram of W3009 + 4.00000gram of W3082 = Final Quantity: 1000.000 ml



## **CHEMICAL RECEIPT LOG BOOK**

| Supplier                       | ItemCode / ItemName   | Lot #               | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
|--------------------------------|---|---------------------|--------------------|----------------------------|--------------------------------|-------------------|
| PCI Scientific<br>Supply, Inc. | PC19631-100 / SODIUM<br>SULFATE, ANHYDROUS,<br>PEST GRADE, 1      | 313201              | 01/03/2025         | 01/03/2024 /<br>Rajesh     | 07/20/2023 /<br>Rajesh         | E3551             |
| Supplier                       | ItemCode / ItemName   | Lot #               | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
| Seidler Chemical               | BA-9254-03 / Acetone,<br>Ultra Resi (cs/4x4L)                     | 1234                | 12/25/2024         | 02/26/2024 /<br>Rajesh     | 02/23/2024 /<br>Rajesh         | E3726             |
| Supplier                       | ItemCode / ItemName   | Lot #               | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
| Seidler Chemical               | BA-9530-33 / Hydrochloric<br>Acid, Instra-Analyzed<br>(cs/6x2.5L) | 22G2862015          | 12/24/2024         | 06/24/2024 /<br>Al-Terek   | 06/21/2024 /<br>Al-Terek       | M5943             |
| Supplier                       | ItemCode / ItemName   | Lot #               | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
| PCI Scientific<br>Supply, Inc. | 140440 / TEST<br>PAPERS,PH,0-2.5,.2SENSI,<br>100PK                | 80A0441             | 02/29/2028         | 09/03/2024 /<br>jignesh    | 08/19/2024 /<br>Jaswal         | M6069             |
| Supplier                       | ItemCode / ItemName   | Lot #               | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
| Seidler Chemical               | DIW / DI Water  | Daily Lab-Certified | 10/24/2024         | 10/24/2019 /<br>apatel     | 10/24/2019 /<br>apatel         | W2606             |
| Supplier                       | ItemCode / ItemName   | Lot #               | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
|                                | A12244 / Stearic acid,  | U20E006             | 04/02/2026         | 04/02/2021 /               | 04/02/2021 /                   | W2817             |



## **CHEMICAL RECEIPT LOG BOOK**

| Supplier         | ItemCode / ItemName            | Lot #      | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
|------------------|--------------------------------|------------|--------------------|----------------------------|--------------------------------|-------------------|
| Seidler Chemical | H223-57 / Hexadecane,<br>99.0% | 0000266903 | 05/04/2027         | 09/07/2021 /<br>apatel     | 08/26/2021 /<br>apatel         | W2871             |

| Supplier         | ItemCode / ItemName         | Lot #    | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
|------------------|-----------------------------|----------|--------------------|----------------------------|--------------------------------|-------------------|
| Seidler Chemical | H223-57 / Hexadecane, 99.0% | SHBP8192 | 02/27/2028         | 02/27/2023 /<br>lwona      | 02/27/2023 /<br>lwona          | W3009             |
|                  |                             |          |                    |                            |                                |                   |

| Supplier                       | ItemCode / ItemName               | Lot #   | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
|--------------------------------|-----------------------------------|---------|--------------------|----------------------------|--------------------------------|-------------------|
| PCI Scientific<br>Supply, Inc. | A12244 / Stearic acid, 98%, 100 g | U23E020 | 02/26/2029         | 02/26/2024 /<br>Iwona      | 02/26/2024 /<br>Iwona          | W3082             |
|                                |                                   |         |                    |                            |                                |                   |

| Supplier         | ItemCode / ItemName                          | Lot #  | Expiration<br>Date | Date Opened /<br>Opened By | Received Date /<br>Received By | Chemtech<br>Lot # |
|------------------|--|--------|--------------------|----------------------------|--------------------------------|-------------------|
| Seidler Chemical | BA-9262-03 / Hexane,<br>Ultra-Resi (cs/4x4L) | 235898 | 02/28/2029         | 06/27/2024 /<br>jignesh    | 06/26/2024 /<br>jignesh        | W3110             |



Material No.: H223-57 Batch No.: 0000266903

Manufactured Date: 2020/05/05

Retest Date: 2027/05/04 Revision No: 1

## Certificate of Analysis

| Test                          | Specification | Result |
|-------------------------------|---------------|--------|
| Assay (CH3(CH2)14CH3) (by GC) | >= 99.0 %     | 99.3   |
| Infrared Spectrum             | Passes Test   | PT     |

For Laboratory, Research or Manufacturing Use

Country of Origin: US

Packaging Site: Paris Mfg Ctr & DC



Thermo Fisher SCIENTIFIC

W 2817 Nec. 04/02/2021

**Product Specification** 

**Product Name:** 

Stearic acid, 98%, Thermo Scientific Chemicals

**Catalog Number:** 

A12244.14

**CAS Number:** 

57-11-4

Molecular Formula:

C18H36O2

Molecular Weight:

284.48

InChi Key:

QIQXTHQIDYTFRH-UHFFFAOYSA-N

SMILES:

CCCCCCCCCCCCC(O)=O

Synonym:

stearic acid acide stearique hydrofol acid 1855 hydrofol acid 1655 industrene 5016

stearic acid, ion(1-) (8CI) glycon TP glycon DP acidum stearinicul hydrofol acid 150

**Product Specification** 

Appearance (Color):

White

Form:

Crystals or powder or crystalline powder or flakes or waxy solid

Assay (Silylated GC):

≥97.5%

Melting Point (clear melt):

67.0-74.0?C

Date Of Print:

11/30/2023

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.

W3009 Lec. 2/27/2023

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** 

CH<sub>3</sub>(CH<sub>2</sub>)<sub>14</sub>CH<sub>3</sub>

Hexadecane - ReagentPlus®, 99%

**Product Number:** 

H6703

**Batch Number:** 

SHBP8192

Brand:

SIAL

CAS Number:

544-76-3

MDL Number:

MFCD00008998

Formula:

C16H34

Formula Weight:

226.44 g/mol

Quality Release Date:

04 AUG 2022

| Test                       | Specification         | Result    |  |
|----------------------------|-----------------------|-----------|--|
| Appearance (Color)         | Colorless or White    | Colorless |  |
| Appearance (Form)          | Liquid or Solid       | Liquid    |  |
| Infrared Spectrum          | Conforms to Structure | Conforms  |  |
| Refractive index at 20 ° C | 1.432 - 1.436         | 1.435     |  |
| Purity (GC)                | > 98.5 %              | 99.3 %    |  |
| Color Test                 | _<br>≤ 20 APHA        | < 5 APHA  |  |

Larry Coers, Director **Quality Control** 

Sheboygan Falls, WI US

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





MIRADOR 201, COL. MIRADOR MONTERREY, N.L. MEXICO CP 64070 TEL +62 81 13 52 57 57 www.pqm.com,mx

## CERTIFICATE OF ANALYSIS

PRODUCT:

SODIUM SULFATE CRYSTALS ANHYDROUS

QUALITY:

ACS (CODE RMB3375)

FORMULA:

Na<sub>2</sub>SO<sub>4</sub>

SPECIFICATION NUMBER: 6399

RELEASE DATE:

ABR/21/2023

LOT NUMBER:

313201

| TEST                                     | SPECIFICATIONS | LOT VALUES  |
|--|----------------|-------------|
| Assay (Na <sub>2</sub> SO <sub>4</sub> ) | Min. 99.0%     | 99.7 %      |
| pH of a 5% solution at 25°C              | 5.2 - 9.2      | 6.4         |
| Insoluble matter                         | Max. 0.01%     | 0.005 %     |
| Loss on ignition                         | Max. 0.5%      | 0.1 %       |
| Chloride (Cl)                            | Max. 0.001%    | <0.001 %    |
| Nitrogen compounds (as N)                | Max. 5 ppm     | <5 ppm      |
| Phosphate (PO <sub>4</sub> )             | Max. 0.001%    | <0.001 %    |
| Heavy metals (as Pb)                     | Max. 5 ppm     | <5 ppm      |
| Iron (Fe)                                | Max. 0.001%    | <0.001 %    |
| Calcium (Ca)                             | Max. 0.01%     | 0.002 %     |
| Magnesium (Mg)                           | Max. 0.005%    | 0.001 %     |
| Potassium (K)                            | Max. 0.008%    | 0.003 %     |
| Extraction-concentration suitability     | Passes test    | Passes test |
| Appearance                               | Passes test    | Passes test |
| Identification                           | Passes test    | Passes test |
| Solubility and foreing matter            | Passes test    | Passes test |
| Retained on US Standard No. 10 sieve     | Max. 1%        | 0.1 %       |
| Retained on US Standard No. 60 sieve     | Min. 94%       | 97.3 %      |
| Through US Standard No. 60 sieve         | Max. 5%        | 25%         |
| Through US Standard No. 100 sieve        | Max. 10%       | 0.1 %       |

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by Ri on 7/4/3 E 3551

RE-02-01, Del





M5943 M5944 M5945 M5946

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 Cl2)              | ≤ 0.5 ppm     | < 0.5 ppm   |
| Phosphate (PO <sub>4</sub> )              | ≤ 0.05 ppm    | < 0.03 ppm  |
| Sulfate (SO <sub>4</sub> )                | ≤ 0.5 ppm     | < 0.3 ppm   |
| Sulfite (SO₃)                             | ≤ 0.8 ppm     | 0.3 ppm     |
| Ammonium (NH <sub>4</sub> )               | ≤ 3 ppm       | < 1 ppm     |
| Trace Impurities - Arsenic (As)           | ≤ 0.010 ppm s | < 0.003 ppm |
| Trace Impurities – Aluminum (Al)          | ≤ 10.0 ppb    | 1.3 ppb     |
| Arsenic and Antimony (as As)              | ≤ 5.0 ppb     | < 3.0 ppb   |
| Frace Impurities – Barium (Ba)            | ≤ 1.0 ppb     | 0.2 ppb     |
| Frace Impurities – Beryllium (Be)         | ≤ 1.0 ppb     | < 0.2 ppb   |
| Frace Impurities – Bismuth (Bi)           | ≤ 10.0 ppb    | < 1.0 ppb   |
| race Impurities – Boron (B)               | ≤ 20.0 ppb    | < 5.0 ppb   |
| race Impurities – Cadmium (Cd)            | ≤ 1.0 ppb     | < 0.3 ppb   |
| race Impurities – Calcium (Ca)            | ≤ 50.0 ppb    | 163.0 ppb   |
| race Impurities – Chromium (Cr)           | ≤ 1.0 ppb     | 0.7 ppb     |
| race Impurities – Cobalt (Co)             | ≤ 1.0 ppb     | < 0.3 ppb   |
| race Impurities - Copper (Cu)             | ≤ 1.0 ppb     | < 0.1 ppb   |
| race Impurities – Gallium (Ga)            | ≤ 1.0 ppb     | < 0.2 ppb   |
| race Impurities – Germanium (Ge)          | ≤ 3.0 ppb     | < 2.0 ppb   |
| race Impurities – Gold (Au)               | ≤ 4.0 ppb     | 0.6 ppb     |
| eavy Metals (as Pb)                       | ≤ 100 ppb     | < 50 ppb    |
| ace Impurities - Iron (Fe)                | ≤ 15 ppb      | 11:         |

>>> Continued on page 2 >>>





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    |
| Frace Impurities - Vanadium (V)                        | ≤ 1.0 ppb     | < 0.2 ppb  |
| Frace Impurities – Zinc (Zn)                           | ≤ 5.0 ppb     | 0.8 ppb    |
| race Impurities – Zirconium (Zr)                       | ≤ 1.0 ppb     | 0.3 ppb    |

Hydrochloric Acid, 36.5-38.0%

BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis





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

**Test** 

Specification

Result

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

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

Jamie Ethier
Vice President Global Quality



## Certificate of Analysis

## Product information

**Product** 

pH-Fix 0.3-2.3

REF

92180

LOT

80A0441

**Expiration date:** 

29.02.2028

Date of examination:

23.01.2024

Gradation:

pH 0.3-0.7-1.0-1.3-1.6-1.9-2.3

## Confirmation

Hereby we confirm, that the above mentioned product has successfully passed our quality control system in accordance with ISO 9001 and meets the specific quality criteria.

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

US Tel.: +1 888 321 62 24 sales-us@mn-net.com

# Certificate of analysis

W3082 Received on 2/26/2026 by IZ

Product No.: A12244

Product: Stearic acid, 98%

Lot No.: U23E020

Appearance White flakes

Assay 98.7 %

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





Certificate of Analysis

Quality System has been 5

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 - 0120633

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    | H303  | Quality Test / Release Date   | 02/23/2024                                   |
|-------------------|---|---|--|
| Lot Number        | 235898  |   |  |
| Description       | HEXANES - OPTIMA  |   |  |
| Country of Origin | United States   | Suggested Retest Date   | Feb/2029                                     |
| Chemical Origin   | Organic - non animal  |   |  |
| BSE/TSE Comment   | No animal products are used a processing aids, or any other n | es starting raw material ingredients, or used<br>naterial that might migrate to the finished pr | in processing, including lubricants, roduct. |

| N/A                         |            |                                 |                         |
|-----------------------------|------------|---------------------------------|-------------------------|
| Result Name                 | Units      | Specifications                  | Test Value              |
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 73                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.670                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | 0.3                     |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.64                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.16                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.06                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.002                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.380                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| VATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above. If there are any questions with this certificate, please call at (800) 227-6701.

<sup>\*</sup>Based on suggested storage condition.