

Page: 1

Date: 07/29/24 at 9:20 AM

Aqua Solutions, Inc. 6913 Highway 225 Deer Park, TX, 77536 281/479-2569 Certificate of Analysis / QC Results

Customer PO #:

Packaged Product: SPX243

SODIUM HYDROXIDE 0.5000N (SPECIAL TEST PARAMETERS) 10L

Lot # 4062860

Chemical Product: SPX243F

Sample ID Tested

Tester

07/15/24

JENC

Recorded 07/15/24

SODIUM HYDROXIDE 0.5000N (SPECIAL TEST PARAMETERS)

| Test | | Target/UOM | Range | Result |
|-----------------------------|--------|--------------|-------------------|---------------------------|
| PREPARED TO FORMULAT | ION ON | YES | | YES |
| FILE | | YES | | |
| Sample ID | | | | |
| Tested 07 | /15/24 | | | |
| Tester JE | NC | | | |
| Recorded 07 | /15/24 | | | |
| DILUTION WATER MEETS A | ASTM | YES | | PASS |
| TYPE 2 SPECS | | | | |
| Sample ID | | | | |
| · | /15/24 | | | |
| | NC | | | |
| | /15/24 | | | |
| Actual Normality | | 0.5000 | 0.4995 - 0.5005 | 0.4999 |
| • | | EQ/L | | |
| Sample ID | | | | |
| · · | /15/24 | | | |
| | NC | | | |
| | /15/24 | | | |
| N.I.S.T. Traceable to SRM 8 | | YES | | YES |
| | . , | YES | | |
| Sample ID | | | | |
| | /15/24 | | | |
| | NC | | | |
| | /15/24 | | | |
| APPEARANCE AND COLOR | | CLEAR LIQUID | | PASS |
| | | APPEARANCE | | |
| Sample ID | | | | |
| | /15/24 | | | |
| | NC | | | |
| | /15/24 | | | |
| INSTRUMENTS USED DURI | | INSTRUMENT | | M55,M113,T57,M91,BID02259 |
| PREPARATION | | | | TID41100 |
| Sample ID | | | | |
| · | /15/24 | | | |
| 0., | NC | | | |
| | /15/24 | | | |
| Actual Density | | 1.02020 | 1.02004 - 1.02036 | 1.02019 |
| · · · · · · · | | GM/ML | | |
| | | Sin, in E | | |



Recorded 07/29/24

Page: 2

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| Customer PO # : | | | | | |
|-------------------|------------|---------------------------|------|--|--|
| | | | | | |
| Sample II | n | 70 | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| Recorded | | | | | |
| ALUMINUM (AL) CON | | =3PPM</td <td>BRL</td> | BRL | | |
| | | V-SELIM | DKL | | |
| Sample II | | | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| Recorded | 1 07/29/24 | 4.4.0004 | 201 | | |
| CALCIUM CONTENT | | =1.0PPM</td <td>BRL</td> | BRL | | |
| | | PPM | | | |
| Sample II | D | | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| Recorded | | | | | |
| MAGNESIUM (MG) CO | ONTENT | =1.0PPM<br PPM | BRL | | |
| Sample II | D | | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| Recorded | | | | | |
| IRON | 01/20/24 | =1.0 PPM</td <td>BRL</td> | BRL | | |
| | | PPM | 5.12 | | |
| Sample II | | | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| Recorded | 1 07/29/24 | | | | |
| COPPER (CU) CONTE | NT | =0.2PPM</td <td>BRL</td> | BRL | | |
| | | COPPER | | | |
| Sample II | D | | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| Recorded | 07/29/24 | | | | |
| SILICA PPM | | =20 PPM</td <td>BRL</td> | BRL | | |
| | | PPM | | | |
| Sample II | D | | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| Recorded | | | | | |
| LEAD (PB) CONTENT | | =0.1PPM</td <td>BRL</td> | BRL | | |
| (, - | | MG/L | | | |
| Sample II | n | | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| Recorded | | | | | |
| CHLORIDE CONTENT | | =2.0 PPM</td <td>BRL</td> | BRL | | |
| OHLORIDE CONTENT | | | DKL | | |
| | _ | PPM | | | |
| Sample II | | | | | |
| Tested | 07/29/24 | | | | |
| Tester | TMCG | | | | |
| | | | | | |



Page: 3

Date: 07/29/24 at 9:20 AM

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Customer PO #:

| SULFATE (SO4) CONTENT | | =1.0 PPM<br MG/KG | BRL |
|-----------------------|----------|---------------------------|----------|
| Sample ID | | | |
| | 07/29/24 | | |
| | TMCG | | |
| | 07/29/24 | | |
| FLUORIDE (F) | | =1.0 PPM</td <td>BRL</td> | BRL |
| | | PPM | |
| Sample ID | | | |
| | 07/29/24 | | |
| Tester | TMCG | | |
| Recorded | 07/29/24 | | |
| PHOSPHATE CONTENT | | =2.0 PPM</td <td>BRL</td> | BRL |
| | | PPM | |
| Sample ID | | | |
| Tested | 07/29/24 | | |
| Tester | TMCG | | |
| Recorded | 07/29/24 | | |
| HEAVY METALS (AS LEA | AD) | =0.5PPM</td <td>BRL</td> | BRL |
| | | PPM | |
| Sample ID | | | |
| Tested | 07/29/24 | | |
| Tester | TMCG | | |
| Recorded | 07/29/24 | | |
| EXPIRATION DATE | | MM/DD/YY | 07/30/26 |
| | | MM/DD/YYYY | |
| Sample ID | | | |
| Tested | 07/15/24 | | |
| Tester | JENC | | |
| Recorded | 07/15/24 | | |
| SHELF LIFE OF PRODUC | CT | 2 YEARS | 2 YEARS |
| | | TIME | |
| Sample ID | | | |
| Tested | 07/15/24 | | |
| Tester | JENC | | |
| Recorded | 07/15/24 | | |
| Made 07/15 | /24 | | |

This is to certify that the product listed above has been prepared according to the agreed upon formulation. The solutions producer has a Quality Management System which governs each step of the manufacturing process to insure the production of a consistent product. Traceability from the producer's lot numbers to the original manufacturer's lot number is maintained. Certificates of Analysis for the raw materials used to prepare this product are available upon request.

The weights and/or volumes used to prepare this product are N.I.S.T. Traceable. All balances used in the preparation of product are calibrated daily against N.I.S.T. Traceable weights. The balances are maintained and serviced on a regular basis by an outside certified company. All volumetric glassware used is N.I.S.T. Traceable and certified as meeting Class A specifications.

Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.