

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

## Customer PO # :

| Packaged Product: 8615     |                           |                        |            |
|----------------------------|---------------------------|------------------------|------------|
| -                          | UM HYDROXIDE 0.0227 NORMA | YDROXIDE 0.0227 NORMAL |            |
| Test                       | Target/UOM                | Range                  | Result     |
| PREPARED TO FORMULATION OF | N YES                     |                        | YES        |
| FILE                       | YES                       |                        |            |
| Sample ID                  |                           |                        |            |
| Tested 12/11/23            |                           |                        |            |
| Tester ENOR                |                           |                        |            |
| Recorded 12/11/23          |                           |                        |            |
| SAMPLE COLLECTION & HANDLI | NG YES                    |                        | YES        |
| PER LAB040                 | YES                       |                        |            |
| Sample ID                  |                           |                        |            |
| Tested 12/11/23            |                           |                        |            |
| Tester ENOR                |                           |                        |            |
| Recorded 12/11/23          |                           |                        |            |
| DATE OF SAMPLING FOR TEST  | MM/DD/YYYY                |                        | 12/11/2023 |
| PURPOSES                   | MM/DD/YYYY                |                        |            |
| Sample ID                  |                           |                        |            |
| Tested 12/11/23            |                           |                        |            |
| Tester ENOR                |                           |                        |            |
| Recorded 12/11/23          |                           |                        |            |
| AMBIENT TEMPERATURE DURING | <b>G</b> 25.0             | 10.0 - 35.0            | 20.8       |
| SAMPLING DEGC              | DEG C                     |                        |            |
| Sample ID                  |                           |                        |            |
| Tested 12/11/23            |                           |                        |            |
| Tester ENOR                |                           |                        |            |
| Recorded 12/11/23          |                           |                        |            |
| DATE OF TESTING OF SAMPLE  | MM/DD/YYYY                |                        | 12/11/2023 |
|                            | MM/DD/YYYY                |                        |            |
| Sample ID                  |                           |                        |            |
| Tested 12/11/23            |                           |                        |            |
| Tester ENOR                |                           |                        |            |
| Recorded 12/11/23          |                           |                        |            |
| AMBIENT TEST TEMPERATURE   | 20.0                      | 15.0 - 30.0            | 20.0       |
| DEG C                      | DEG C                     |                        |            |
| Sample ID                  |                           |                        |            |
| Tested 12/11/23            |                           |                        |            |
| Tester ENOR                |                           |                        |            |
| Recorded 12/11/23          |                           |                        |            |
| Actual Normality           | 0.0227                    | 0.0222 - 0.0232        | 0.0228     |
|                            | EQ/L                      |                        |            |
| Sample ID                  |                           |                        |            |
| Tested 12/11/23            |                           |                        |            |
| Tester ENOR                |                           |                        |            |
| Recorded 12/11/23          |                           |                        |            |
| QCSP7: STANDARDIZATION OF  | YES                       |                        | YES        |
| AQUEOUS BASES              | METHOD                    |                        |            |
| Sample ID                  |                           |                        |            |
| Tested 12/11/23            |                           |                        |            |
| Tester ENOR                |                           |                        |            |
| Recorded 12/11/23          |                           |                        |            |
|                            |                           |                        |            |



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Customer PO # :

| N.I.S.T. Traceable to SR | M 84 (KHP) | YES               |                   | YES        |
|--------------------------|------------|-------------------|-------------------|------------|
|                          |            | YES               |                   |            |
| Sample ID                |            |                   |                   |            |
| Tested                   | 12/11/23   |                   |                   |            |
| Tester                   | ENOR       |                   |                   |            |
| Recorded                 | 12/11/23   |                   |                   |            |
| APPEARANCE AND COL       | LOR        | CLEAR WATER WHITE |                   | PASS       |
|                          |            | LIQUID            |                   |            |
|                          |            | APPEARANCE        |                   |            |
| Sample ID                |            |                   |                   |            |
| Tested                   | 12/11/23   |                   |                   |            |
| Tester                   | ENOR       |                   |                   |            |
| Recorded                 | 12/11/23   |                   |                   |            |
| INSTRUMENTS USED D       |            | INSTRUMENT        |                   | M112,T225  |
| PREPARATION              |            |                   |                   |            |
| Sample ID                |            |                   |                   |            |
| Tested                   | 12/11/23   |                   |                   |            |
| Tester                   | ENOR       |                   |                   |            |
| Recorded                 | 12/11/23   |                   |                   |            |
| Actual Density           |            | 0.99930           | 0.99888 - 0.99972 | 0.99892    |
| ,                        |            | GM/ML             |                   |            |
| Sample ID                |            |                   |                   |            |
| Tested                   | 12/11/23   |                   |                   |            |
| Tester                   | ENOR       |                   |                   |            |
| Recorded                 | 12/11/23   |                   |                   |            |
| EXPIRATION DATE          |            | MM/DD/YYYY        |                   | 12/30/2024 |
|                          |            | MM/DD/YYYY        |                   |            |
| Sample ID                |            |                   |                   |            |
| Tested                   | 12/11/23   |                   |                   |            |
| Tester                   | ENOR       |                   |                   |            |
| Recorded                 | 12/11/23   |                   |                   |            |
| Lot # 31206              | 52         |                   |                   |            |
| Made 12/11               |            |                   |                   |            |
| maav                     |            |                   |                   |            |

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.

hichard Stol

**Quality Manager**