



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

| Packaged Product: UC115F | | | |
|--|------------|-----------------|------------|
| SODIUM HYDROXIDE 0.5 NORMAL STD ALCOHOLIC-8647 | | | |
| Test | Target/UOM | Range | Result |
| PREPARED TO FORMULATION ON FILE | YES | | YES |
| Sample ID | YES | | |
| Tested 09/11/23 | | | |
| Tester MHUS | | | |
| Recorded 09/11/23 | | | |
| SAMPLE COLLECTION & HANDLING PER LAB040 | YES | | YES |
| Sample ID | YES | | |
| Tested 09/11/23 | | | |
| Tester MHUS | | | |
| Recorded 09/11/23 | | | |
| DATE OF SAMPLING FOR TEST PURPOSES | MM/DD/YYYY | | 09/11/2023 |
| Sample ID | MM/DD/YYYY | | |
| Tested 09/11/23 | | | |
| Tester MHUS | | | |
| Recorded 09/11/23 | | | |
| AMBIENT TEMPERATURE DURING SAMPLING DEGC | 25.0 | 10.0 - 35.0 | 22.0 |
| Sample ID | DEG C | | |
| Tested 09/11/23 | | | |
| Tester MHUS | | | |
| Recorded 09/11/23 | | | |
| DATE OF TESTING OF SAMPLE | MM/DD/YYYY | | 09/11/2023 |
| Sample ID | MM/DD/YYYY | | |
| Tested 09/11/23 | | | |
| Tester MHUS | | | |
| Recorded 09/11/23 | | | |
| AMBIENT TEST TEMPERATURE DEG C | 20.0 | 15.0 - 30.0 | 22.0 |
| Sample ID | DEG C | | |
| Tested 09/11/23 | | | |
| Tester MHUS | | | |
| Recorded 09/11/23 | | | |
| Actual Normality | 0.5000 | 0.4995 - 0.5005 | 0.5004 |
| Sample ID | EQ/L | | |
| Tested 09/11/23 | | | |
| Tester MHUS | | | |
| Recorded 09/11/23 | | | |
| QCSP7: STANDARDIZATION OF AQUEOUS BASES | YES | | YES |
| Sample ID | METHOD | | |
| Tested 09/11/23 | | | |
| Tester MHUS | | | |
| Recorded 09/11/23 | | | |



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| | | |
|--|----------------------------|--------------------------------|
| N.I.S.T. Traceable to SRM 84 (KHP) | YES YES | YES |
| Sample ID | | |
| Tested | 09/11/23 | |
| Tester | MHUS | |
| Recorded | 09/11/23 | |
| Actual Density | 0.89612 GM/ML | 0.89396 - 0.89829 0.89645 |
| Sample ID | | |
| Tested | 09/11/23 | |
| Tester | MHUS | |
| Recorded | 09/11/23 | |
| APPEARANCE AND COLOR | CLEAR LIQUID APPEARANCE | PASS |
| Sample ID | | |
| Tested | 09/11/23 | |
| Tester | MHUS | |
| Recorded | 09/11/23 | |
| INSTRUMENTS USED DURING PREPARATION | INSTRUMENT | M112C,VF5-L15,BID-3902,PID-M91 |
| Sample ID | | |
| Tested | 09/11/23 | |
| Tester | MHUS | |
| Recorded | 09/11/23 | |
| SHELF LIFE OF PRODUCT | 6 MONTHS TIME | 6 MONTHS |
| Sample ID | | |
| Tested | 09/11/23 | |
| Tester | MHUS | |
| Recorded | 09/11/23 | |
| EXPIRATION DATE | MM/DD/YYYY MM/DD/YYYY | 03/30/2024 |
| Sample ID | | |
| Tested | 09/11/23 | |
| Tester | MHUS | |
| Recorded | 09/11/23 | |
| Lot # | 3090632 | |
| Made | 09/11/23 | |

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.



Aqua Solutions, Inc.
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P.O. Box 70
Deer Park, TX 77536
Website: www.aquasolutions.org

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Date: 09/11/23 at 2:04 PM

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

Quality Manager