



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

| Packaged Product: HOE041F | | | |
|--|---------------------|-------|--------|
| GUR LOW MULTI-ELEMENT STANDARD | | | |
| Test | Target/UOM | Range | Result |
| PREPARED TO FORMULATION ON FILE | YES | | YES |
| Sample ID | | | |
| Tested | 12/18/23 | | |
| Tester | MMAT | | |
| Recorded | 12/18/23 | | |
| ALUMINUM CONTENT | 5.000 ± 0.001 GRAMS | | 5.000 |
| | AL | | |
| Sample ID | | | |
| Tested | 12/18/23 | | |
| Tester | MMAT | | |
| Recorded | 12/18/23 | | |
| LOT # ALUMINUM AA 1,000 PPM STD | LOT # | | 309603 |
| Sample ID | | | |
| Tested | 12/18/23 | | |
| Tester | MMAT | | |
| Recorded | 12/18/23 | | |
| CALCIUM CONTENT | 5.000 ± 0.001 GRAMS | | 5.000 |
| | CA | | |
| Sample ID | | | |
| Tested | 12/18/23 | | |
| Tester | MMAT | | |
| Recorded | 12/18/23 | | |
| LOT # CALCIUM AA 1,000 PPM STD | LOT # | | 323320 |
| Sample ID | | | |
| Tested | 12/18/23 | | |
| Tester | MMAT | | |
| Recorded | 12/18/23 | | |
| Iron Content | 1.000 ± 0.001 GRAMS | | 0.9999 |
| | PPM | | |
| Sample ID | | | |
| Tested | 12/18/23 | | |
| Tester | MMAT | | |
| Recorded | 12/18/23 | | |
| LOT # IRON AA 1,000 PPM STD | LOT # | | 326304 |
| Sample ID | | | |
| Tested | 12/18/23 | | |
| Tester | MMAT | | |
| Recorded | 12/18/23 | | |
| Magnesium content | 5.000 ± 0.001 GRAMS | | 5.000 |
| | PPM | | |
| Sample ID | | | |
| Tested | 12/18/23 | | |
| Tester | MMAT | | |
| Recorded | 12/18/23 | | |



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| | | |
|--|-----------------------|-----------------|
| LOT # MAGNESIUM AA 1,000 PPM STD | LOT # | 331015 |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |
| TITANIUM CONTENT | 5.000 ± 0.001 GRAMS | 5.00 |
| | PPM | |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |
| LOT # TITANIUM AA 1,000 PPM STD | LOT # | 308704 |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |
| GRAMS OF ZINC | 5.000 ± 0.001 GRAMS | 5.000 |
| | GM | |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |
| LOT # ZINC AA 1,000 PPM STD | LOT # | 333928 |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |
| LOT # NITRIC ACID | LOT # | 317218 |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |
| APPEARANCE AND COLOR | CLEAR TO SLIGHT AMBER | PASS |
| | COLOR | |
| | APPEARANCE | |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |
| INSTRUMENTS USED DURING PREPARATION | INSTRUMENT | GC,M115,VF4-N19 |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |
| EXPIRATION DATE | MM/DD/YY | 06/30/24 |
| | MM/DD/YYYY | |
| Sample ID | | |
| Tested 12/18/23 | | |
| Tester MMAT | | |
| Recorded 12/18/23 | | |



Aqua Solutions, Inc.
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Date: 12/18/23 at 8:52 AM

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6913 Highway 225
Deer Park, TX, 77536
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Certificate of Analysis / QC Results
Customer PO # :

| | |
|--------------|----------|
| Lot # | 3121159 |
| Made | 12/18/23 |

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.

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

Quality Manager