



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	YES		YES
FILE	YES		
Sample ID			
Tested 03/07/25			
Tester MMAT			
Recorded 03/07/25			
ALUMINUM CONTENT	5.000 ± 0.001 GRAMS %		5.000
Sample ID			
Tested 03/07/25			
Tester MMAT			
Recorded 03/07/25			
LOT # ALUMINUM AA 1,000 PPM STD	LOT #		435212
Sample ID			
Tested 03/07/25			
Tester MMAT			
Recorded 03/07/25			
CALCIUM CONTENT	5.000 ± 0.001 GRAMS CA		5.000
Sample ID			
Tested 03/07/25			
Tester MMAT			
Recorded 03/07/25			
LOT # CALCIUM AA 1,000 PPM STD	LOT #		505015
Sample ID			
Tested 03/07/25			
Tester MMAT			
Recorded 03/07/25			
Iron Content	1.000 ± 0.001 GRAMS PPM		1.000
Sample ID			
Tested 03/07/25			
Tester MMAT			
Recorded 03/07/25			
LOT # IRON AA 1,000 PPM STD	LOT #		433705
Sample ID			
Tested 03/07/25			
Tester MMAT			
Recorded 03/07/25			
Magnesium content	5.000 ± 0.001 GRAMS PPM		5.000
Sample ID			
Tested 03/07/25			
Tester MMAT			
Recorded 03/07/25			

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LOT # MAGNESIUM AA 1,000 PPM STD	LOT #	435211
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		
TITANIUM CONTENT	5.000 ± 0.001 GRAMS PPM	5.000
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		
LOT # TITANIUM AA 1,000 PPM STD	LOT #	416446
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		
Zinc Content	5.000 ± 0.001 GRAMS PPM	5.000
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		
LOT # ZINC AA 1,000 PPM STD	LOT #	415705
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		
LOT # NITRIC ACID	LOT #	436201
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		
APPEARANCE AND COLOR	CLEAR TO SLIGHT AMBER COLOR APPEARANCE	PASS
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	GC,M108,VF4-N30
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	09/30/25
Sample ID		
Tested 03/07/25		
Tester MMAT		
Recorded 03/07/25		



Aqua Solutions, Inc.
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Date: 03/07/25 at 2:06 PM

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Deer Park, TX, 77536
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Customer PO # :

Lot #	5030345
Made	03/07/25

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