



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	03/05/24		
Tester	MMAT		
Recorded	03/05/24		
ALUMINUM CONTENT	5.000 ± 0.001 GRAMS		5.000
	AL		
Sample ID			
Tested	03/05/24		
Tester	MMAT		
Recorded	03/05/24		
LOT # ALUMINUM AA 1,000 PPM STD	LOT #		319308
Sample ID			
Tested	03/05/24		
Tester	MMAT		
Recorded	03/05/24		
CALCIUM CONTENT	5.000 ± 0.001 GRAMS		5.000
	CA		
Sample ID			
Tested	03/05/24		
Tester	MMAT		
Recorded	03/05/24		
LOT # CALCIUM AA 1,000 PPM STD	LOT #		323320
Sample ID			
Tested	03/05/24		
Tester	MMAT		
Recorded	03/05/24		
Iron Content	1.000 ± 0.001 GRAMS		1.000
	PPM		
Sample ID			
Tested	03/05/24		
Tester	MMAT		
Recorded	03/05/24		
Magnesium content	5.000 ± 0.001 GRAMS		5.000
	PPM		
Sample ID			
Tested	03/05/24		
Tester	MMAT		
Recorded	03/05/24		
LOT # MAGNESIUM AA 1,000 PPM STD	LOT #		227714
Sample ID			
Tested	03/05/24		
Tester	MMAT		
Recorded	03/05/24		



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TITANIUM CONTENT	5.000 ± 0.001 GRAMS PPM	5.000
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/05/24	
LOT # TITANIUM AA 1,000 PPM STD	LOT #	326306
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/05/24	
GRAMS OF ZINC	5.000 ± 0.001 GRAMS GM	5.000
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/05/24	
LOT # NITRIC ACID	LOT #	317218
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/05/24	
APPEARANCE AND COLOR	CLEAR TO SLIGHT AMBER COLOR APPEARANCE	PASS
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/05/24	
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	GC,M108,VF4-I6
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/05/24	
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	09/30/24
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/05/24	
LOT # ZINC AA 1,000 PPM STD	LOT #	318451
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/12/24	
LOT # IRON AA 1,000 PPM STD	LOT #	333932
Sample ID		
Tested	03/05/24	
Tester	MMAT	
Recorded	03/12/24	



Aqua Solutions, Inc.
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Page: 3

Date: 03/12/24 at 9:30 AM

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

Lot #	4030462
Made	03/05/24

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.

Quality Manager