



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

Packaged Product: HOE040F			
GUR QC MULTI-ELEMENT STANDARD (LITER)			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
Sample ID			
Tested 12/15/23			
Tester MMAT			
Recorded 12/15/23			
ALUMINUM CONTENT	10.000 ± 0.001		10.000
	AL		
Sample ID			
Tested 12/15/23			
Tester MMAT			
Recorded 12/15/23			
LOT # ALUMINUM AA 1,000 PPM STD	LOT #		309603
Sample ID			
Tested 12/15/23			
Tester MMAT			
Recorded 12/15/23			
CALCIUM CONTENT	10.000 ± 0.001		10.000
	CA		
Sample ID			
Tested 12/15/23			
Tester MMAT			
Recorded 12/15/23			
LOT # CALCIUM AA 1,000 PPM STD	LOT #		323320
Sample ID			
Tested 12/15/23			
Tester MMAT			
Recorded 12/15/23			
Iron Content	1.000 ± 0.001		1.000
	PPM		
Sample ID			
Tested 12/15/23			
Tester MMAT			
Recorded 12/15/23			
Magnesium content	5.000 ± 0.001		5.000
	PPM		
Sample ID			
Tested 12/15/23			
Tester MMAT			
Recorded 12/15/23			
LOT # MAGNESIUM AA 1,000 PPM STD	LOT #		331015
Sample ID			
Tested 12/15/23			
Tester MMAT			
Recorded 12/15/23			



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TITANIUM CONTENT	10.000 ± 0.001 PPM	10.000
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/15/23	
LOT # TITANIUM AA 1,000 PPM STD	LOT #	127114
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/15/23	
GRAMS OF ZINC	25.000 ± 0.001 GM	25.000
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/15/23	
LOT # ZINC AA 1,000 PPM STD	LOT #	333928
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/15/23	
LOT # NITRIC ACID	LOT #	317218
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/15/23	
APPEARANCE AND COLOR	CLEAR TO SLIGHT AMBER COLOR APPEARANCE	PASS
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/15/23	
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	GC,M115,VF4-N24
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/15/23	
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	06/30/24
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/15/23	
LOT # IRON AA 1,000 PPM STD	LOT #	326304
Sample ID		
Tested	12/15/23	
Tester	MMAT	
Recorded	12/18/23	



Aqua Solutions, Inc.
Ph: 281-479-2569
Fax: 281-479-2790
P.O. Box 70
Deer Park, TX 77536
Website: www.aquasolutions.org

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Date: 12/18/23 at 5:05 PM

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Certificate of Analysis / QC Results
Customer PO # :

Lot #	3121158
Made	12/15/23

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