



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	YES		YES
FILE	YES		
Sample ID			
Tested 10/05/22			
Tester LBYE			
Recorded 10/05/22			
ALUMINUM CONTENT	10.000 ± 0.001		10.000
	AL		
Sample ID			
Tested 10/05/22			
Tester LBYE			
Recorded 10/05/22			
LOT # ALUMINUM AA 1,000 PPM STD	LOT #		223614
Sample ID			
Tested 10/05/22			
Tester LBYE			
Recorded 10/05/22			
CALCIUM CONTENT	10.000 ± 0.001		10.000
	CA		
Sample ID			
Tested 10/05/22			
Tester LBYE			
Recorded 10/05/22			
LOT # CALCIUM AA 1,000 PPM STD	LOT #		223615
Sample ID			
Tested 10/05/22			
Tester LBYE			
Recorded 10/05/22			
Iron Content	1.000 ± 0.001		1.000
	PPM		
Sample ID			
Tested 10/05/22			
Tester LBYE			
Recorded 10/05/22			
LOT # IRON AA 1,000 PPM STD	LOT #		136116
Sample ID			
Tested 10/05/22			
Tester LBYE			
Recorded 10/05/22			
Magnesium content	5.000 ± 0.001		5.000
	PPM		
Sample ID			
Tested 10/05/22			
Tester LBYE			
Recorded 10/05/22			



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LOT # MAGNESIUM AA 1,000 PPM STD	LOT #	227714
Sample ID		
Tested 10/05/22		
Tester LBYE		
Recorded 10/05/22		
TITANIUM CONTENT	10.000 ± 0.001 PPM	10.000
Sample ID		
Tested 10/05/22		
Tester LBYE		
Recorded 10/05/22		
LOT # TITANIUM AA 1,000 PPM STD	LOT #	127114
Sample ID		
Tested 10/05/22		
Tester LBYE		
Recorded 10/05/22		
GRAMS OF ZINC	25.000 ± 0.001 GM	25.000
Sample ID		
Tested 10/05/22		
Tester LBYE		
Recorded 10/05/22		
LOT # ZINC AA 1,000 PPM STD	LOT #	216605
Sample ID		
Tested 10/05/22		
Tester LBYE		
Recorded 10/05/22		
APPEARANCE AND COLOR	CLEAR TO SLIGHT AMBER COLOR APPEARANCE	PASS
Sample ID		
Tested 10/05/22		
Tester LBYE		
Recorded 10/05/22		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	GC,M108,VF4-N9,
Sample ID		
Tested 10/05/22		
Tester LBYE		
Recorded 10/05/22		
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	04/30/23
Sample ID		
Tested 10/05/22		
Tester LBYE		
Recorded 10/05/22		
LOT # NITRIC ACID	LOT #	225104
Sample ID		
Tested 10/06/22		
Tester LBYE		
Recorded 10/06/22		



Aqua Solutions, Inc.
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Date: 10/06/22 at 7:34 AM

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

Lot #	2091239
Made	10/05/22

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