



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

<b>Packaged Product:</b> HOE040F			
GUR QC MULTI-ELEMENT STANDARD (LITER)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 06/10/22			
Tester LBYE			
Recorded 06/10/22			
<b>ALUMINUM CONTENT</b>	10.000 ± 0.001		10.000
	AL		
Sample ID			
Tested 06/10/22			
Tester LBYE			
Recorded 06/10/22			
<b>LOT # ALUMINUM AA 1,000 PPM STD</b>	LOT #		203916
Sample ID			
Tested 06/10/22			
Tester LBYE			
Recorded 06/10/22			
<b>CALCIUM CONTENT</b>	10.000 ± 0.001		10.000
	CA		
Sample ID			
Tested 06/10/22			
Tester LBYE			
Recorded 06/10/22			
<b>LOT # CALCIUM AA 1,000 PPM STD</b>	LOT #		203115
Sample ID			
Tested 06/10/22			
Tester LBYE			
Recorded 06/10/22			
<b>Iron Content</b>	1.000 ± 0.001		1.000
	PPM		
Sample ID			
Tested 06/10/22			
Tester LBYE			
Recorded 06/10/22			
<b>LOT # IRON AA 1,000 PPM STD</b>	LOT #		211026
Sample ID			
Tested 06/10/22			
Tester LBYE			
Recorded 06/10/22			
<b>Magnesium content</b>	5.000 ± 0.001		5.000
	PPM		
Sample ID			
Tested 06/10/22			
Tester LBYE			
Recorded 06/10/22			



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<b>LOT # MAGNESIUM AA 1,000 PPM STD</b>	LOT #	205506
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		
<b>TITANIUM CONTENT</b>	10.000 ± 0.001 PPM	10.000
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		
<b>LOT # TITANIUM AA 1,000 PPM STD</b>	LOT #	127114
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		
<b>GRAMS OF ZINC</b>	25.000 ± 0.001 GM	25.000
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		
<b>LOT # ZINC AA 1,000 PPM STD</b>	LOT #	136118
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		
<b>LOT # NITRIC ACID</b>	LOT #	213701
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		
<b>APPEARANCE AND COLOR</b>	CLEAR TO SLIGHT AMBER COLOR APPEARANCE	PASS
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	M21,VF4-N3
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY	12/30/22
Sample ID		
Tested 06/10/22		
Tester LBYE		
Recorded 06/10/22		



Aqua Solutions, Inc.  
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Date: 06/10/22 at 10:33 AM

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**Certificate of Analysis / QC Results**  
**Customer PO # :**

<b>Lot #</b>	2060770
<b>Made</b>	06/10/22

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**