



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

Packaged Product:		Target/UOM	Range	Result
HOE045F				
MIXED METALS LOW LEVEL IN 2% HNO3 + 0.05% HCL (LITER)				
Test		Target/UOM	Range	Result
PREPARED TO FORMULATION ON		YES		YES
FILE		YES		
	Sample ID			
	Tested 06/23/23			
	Tester MMAT			
	Recorded 06/23/23			
<b>CHROMIUM CONTENT</b>		1.000 ± 0.001		1.001
		CR		
	Sample ID			
	Tested 06/23/23			
	Tester MMAT			
	Recorded 06/23/23			
<b>LOT # 1850</b>		LOT #		313101
	Sample ID			
	Tested 06/23/23			
	Tester MMAT			
	Recorded 06/23/23			
<b>COPPER CONTENT</b>		1.000 ± 0.001		1.000
		CR		
	Sample ID			
	Tested 06/23/23			
	Tester MMAT			
	Recorded 06/23/23			
<b>LOT # 2250</b>		LOT #		233307
	Sample ID			
	Tested 06/23/23			
	Tester MMAT			
	Recorded 06/23/23			
<b>NICKEL CONTENT</b>		1.000 ± 0.001		1.000
		PPM		
	Sample ID			
	Tested 06/23/23			
	Tester MMAT			
	Recorded 06/23/23			
<b>LOT # 6450</b>		LOT #		308008
	Sample ID			
	Tested 06/23/23			
	Tester MMAT			
	Recorded 06/23/23			
<b>GRAMS OF ZINC</b>		1.000 ± 0.001		1.000
		GM		
	Sample ID			
	Tested 06/23/23			
	Tester MMAT			
	Recorded 06/23/23			



**Aqua Solutions, Inc.**  
**6913 Highway 225**  
**Deer Park, TX, 77536**  
**281/479-2569**

**Certificate of Analysis / QC Results**

Customer PO # :

<b>LOT # ZINC AA 1,000 PPM STD</b>	LOT #	308705
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		
<b>SELENIUM</b>	1.000 ± 0.001	1.001
	PPM	
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		
<b>LOT 8150</b>	LOT #	216604
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		
<b>ALUMINUM CONTENT</b>	25.000 ± 0.001	25.000
	AL	
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		
<b>LOT # ALUMINUM AA 1,000 PPM STD</b>	LOT #	309603
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		
<b>Iron Content</b>	25.000 ± 0.001	25.001
	PPM	
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		
<b>LOT # IRON AA 1,000 PPM STD</b>	LOT #	308706
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE APPEARANCE	PASS
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	VF1-Z31,M115
Sample ID		
Tested 06/23/23		
Tester MMAT		
Recorded 06/23/23		



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

**Aqua Solutions, Inc.**  
**6913 Highway 225**  
**Deer Park, TX, 77536**  
**281/479-2569**

**Certificate of Analysis / QC Results**

Customer PO # :

<b>EXPIRATION DATE</b>	MM/DD/YY	12/30/23
	MM/DD/YYYY	
Sample ID		
Tested	06/23/23	
Tester	MMAT	
Recorded	06/23/23	
<b>Lot #</b>	3060809	
<b>Made</b>	06/23/23	

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**