



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

Test	Target/UOM	Range	Result
<b>Packaged Product:</b> HOE047F			
	MIXED METALS SPIKE IN 2% HNO3 + 0.05% HCL (LITER)		
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 08/12/22			
Tester MMAT			
Recorded 08/12/22			
<b>CHROMIUM CONTENT</b>	10.000 ± 0.001		10.000
	CR		
Sample ID			
Tested 08/12/22			
Tester MMAT			
Recorded 08/12/22			
<b>LOT # 1850</b>	LOT #		206205
Sample ID			
Tested 08/12/22			
Tester MMAT			
Recorded 08/12/22			
<b>COPPER CONTENT</b>	10.000 ± 0.001		10.000
	CR		
Sample ID			
Tested 08/12/22			
Tester MMAT			
Recorded 08/12/22			
<b>LOT # 2250</b>	LOT #		130105
Sample ID			
Tested 08/12/22			
Tester MMAT			
Recorded 08/12/22			
<b>NICKEL CONTENT</b>	10.000 ± 0.001		10.000
	PPM		
Sample ID			
Tested 08/12/22			
Tester MMAT			
Recorded 08/12/22			
<b>LOT # 6450</b>	LOT #		113408
Sample ID			
Tested 08/12/22			
Tester MMAT			
Recorded 08/12/22			
<b>GRAMS OF ZINC</b>	10.000 ± 0.001		10.000
	GM		
Sample ID			
Tested 08/12/22			
Tester MMAT			
Recorded 08/12/22			



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<b>LOT # ZINC AA 1,000 PPM STD</b>	LOT #	136118
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		
<b>SELENIUM</b>	0.500 ± 0.001	0.500
	PPM	
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		
<b>LOT 8150</b>	LOT #	216604
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		
<b>Iron Content</b>	100.000 ± 0.001	100.000
	PPM	
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		
<b>LOT # IRON AA 1,000 PPM STD</b>	LOT #	218006
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		
<b>ALUMINUM CONTENT</b>	300.000 ± 0.001	300.000
	AL	
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		
<b>LOT # ALUMINUM AA 1,000 PPM STD</b>	LOT #	209102
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE APPEARANCE	PASS
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	GP,VF1-Z21
Sample ID		
Tested 08/12/22		
Tester MMAT		
Recorded 08/12/22		



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)

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**281/479-2569**

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Customer PO # :

<b>EXPIRATION DATE</b>	MM/DD/YY	02/28/23
	MM/DD/YYYY	
Sample ID		
Tested	08/12/22	
Tester	MMAT	
Recorded	08/12/22	
<b>Lot #</b>	2080834	
<b>Made</b>	08/12/22	

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**