



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

<b>Packaged Product:</b> HOE045F			
MIXED METALS LOW LEVEL IN 2% HNO3 + 0.05% HCL (LITER)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 09/26/22			
Tester LBYE			
Recorded 09/26/22			
<b>CHROMIUM CONTENT</b>	1.000 ± 0.001		1.000
	CR		
Sample ID			
Tested 09/26/22			
Tester LBYE			
Recorded 09/26/22			
<b>LOT # 1850</b>	LOT #		206205
Sample ID			
Tested 09/26/22			
Tester LBYE			
Recorded 09/26/22			
<b>COPPER CONTENT</b>	1.000 ± 0.001		1.000
	CR		
Sample ID			
Tested 09/26/22			
Tester LBYE			
Recorded 09/26/22			
<b>LOT # 2250</b>	LOT #		110409
Sample ID			
Tested 09/26/22			
Tester LBYE			
Recorded 09/26/22			
<b>NICKEL CONTENT</b>	1.000 ± 0.001		1.000
	PPM		
Sample ID			
Tested 09/26/22			
Tester LBYE			
Recorded 09/26/22			
<b>LOT # 6450</b>	LOT #		113408
Sample ID			
Tested 09/26/22			
Tester LBYE			
Recorded 09/26/22			
<b>GRAMS OF ZINC</b>	1.000 ± 0.001		1.000
	GM		
Sample ID			
Tested 09/26/22			
Tester LBYE			
Recorded 09/26/22			



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<b>LOT # ZINC AA 1,000 PPM STD</b>	LOT #	216605
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		
<b>SELENIUM</b>	1.000 ± 0.001	1.000
	PPM	
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		
<b>LOT 8150</b>	LOT #	216604
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		
<b>ALUMINUM CONTENT</b>	25.000 ± 0.001	25.000
	AL	
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		
<b>LOT # ALUMINUM AA 1,000 PPM STD</b>	LOT #	209102
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		
<b>Iron Content</b>	25.000 ± 0.001	25.000
	PPM	
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		
<b>LOT # IRON AA 1,000 PPM STD</b>	LOT #	136116
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE APPEARANCE	PASS
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	M108,VF1-15
Sample ID		
Tested 09/26/22		
Tester LBYE		
Recorded 09/26/22		



Aqua Solutions, Inc.  
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Date: 09/26/22 at 1:59 PM

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**Certificate of Analysis / QC Results**

Customer PO # :

EXPIRATION DATE

MM/DD/YY  
MM/DD/YYYY

03/30/23

Sample ID

Tested 09/26/22

Tester LBYE

Recorded 09/26/22

**Lot #** 2091237

**Made** 09/26/22

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**