



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

<b>Packaged Product:</b> HOE044F			
MIXED METALS HIGH LEVEL IN 2% HNO3 + 0.05% HCL (LITER)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 03/05/24			
Tester MMAT			
Recorded 03/05/24			
<b>CHROMIUM CONTENT</b>	10.000 ± 0.250		10.000
	CR		
Sample ID			
Tested 03/05/24			
Tester MMAT			
Recorded 03/05/24			
<b>LOT # 1850</b>	LOT #		313101
Sample ID			
Tested 03/05/24			
Tester MMAT			
Recorded 03/05/24			
<b>COPPER CONTENT</b>	10.000 ± 0.250		10.000
	CR		
Sample ID			
Tested 03/05/24			
Tester MMAT			
Recorded 03/05/24			
<b>LOT # 2250</b>	LOT #		233307
Sample ID			
Tested 03/05/24			
Tester MMAT			
Recorded 03/05/24			
<b>NICKEL CONTENT</b>	10.000 ± 0.250		10.001
	PPM		
Sample ID			
Tested 03/05/24			
Tester MMAT			
Recorded 03/05/24			
<b>LOT # 6450</b>	LOT #		323322
Sample ID			
Tested 03/05/24			
Tester MMAT			
Recorded 03/05/24			
<b>GRAMS OF ZINC</b>	10.000 ± 0.250		10.001
	GM		
Sample ID			
Tested 03/05/24			
Tester MMAT			
Recorded 03/05/24			



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<b>LOT # ZINC AA 1,000 PPM STD</b>	LOT #	308705
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		
<b>SELENIUM</b>	10.000 ± 0.250	10.000
	PPM	
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		
<b>LOT 8150</b>	LOT #	216604
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		
<b>ALUMINUM CONTENT</b>	460.000 ± 10.000	460.000
	AL	
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		
<b>LOT # ALUMINUM AA 1,000 PPM STD</b>	LOT #	319308
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		
<b>Iron Content</b>	460.000 ± 10.000	459.995
	PPM	
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE APPEARANCE	PASS
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	GC,GP,VF1-Z6,M108,M103
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		
<b>EXPIRATION DATE</b>	MM/DD/YYYY	09/30/2024
	MM/DD/YYYY	
Sample ID		
Tested 03/05/24		
Tester MMAT		
Recorded 03/05/24		



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**Customer PO # :**

<b>Lot #</b>	4030458
<b>Made</b>	03/05/24

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**