



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

<b>Packaged Product:</b> HOE036F			
SODIUM AND IRON 0.5 ppm IN 4% v/v NITRIC ACID			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION</b>	YES		YES
	YES		
Sample ID			
Tested	09/20/24		
Tester	MMAT		
Recorded	09/20/24		
<b>N.I.S.T. Traceable</b>	YES		YES
	YES		
Sample ID			
Tested	09/20/24		
Tester	MMAT		
Recorded	09/20/24		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE/ODORLESS APPEARANCE		PASS
Sample ID			
Tested	09/20/24		
Tester	MMAT		
Recorded	09/20/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		GC,M108,VF4-N10
Sample ID			
Tested	09/20/24		
Tester	MMAT		
Recorded	09/20/24		
<b>LOT # 100 PPM SODIUM &amp; IRON STOCK STD</b>	LOT #		3091889
Sample ID			
Tested	09/20/24		
Tester	MMAT		
Recorded	09/20/24		
<b>LOT # NITRIC ACID</b>	LOT #		420404
Sample ID			
Tested	09/20/24		
Tester	MMAT		
Recorded	09/20/24		
<b>PPM SODIUM TO 3 DEC PLACES</b>	0.500 PPM	0.491 - 0.509	0.500
Sample ID			
Tested	09/20/24		
Tester	MMAT		
Recorded	09/20/24		
<b>PPM IRON TO 3 DEC PLACES</b>	0.500 PPM	0.491 - 0.509	0.500
Sample ID			
Tested	09/20/24		
Tester	MMAT		
Recorded	09/20/24		



Aqua Solutions, Inc.  
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**Certificate of Analysis / QC Results**

Customer PO # :

<b>EXPIRATION DATE</b>	MM/DD/YY	03/30/25
	MM/DD/YYYY	
Sample ID		
Tested	09/20/24	
Tester	MMAT	
Recorded	09/20/24	
<b>Lot #</b>	4090930	
<b>Made</b>	09/20/24	

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**