



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

Packaged Product: HOE037F			
SODIUM AND IRON 1.0 ppm IN 4% NITRIC ACID			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION	YES		YES
	YES		
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		
N.I.S.T. Traceable	YES		YES
	YES		
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		
APPEARANCE AND COLOR	CLEAR WATER WHITE/ODORLESS APPEARANCE		PASS
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		GC,M108,VF4-N16
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY		09/30/23
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		
LOT # 100 PPM SODIUM & IRON STOCK STD	LOT #		30313117
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		
LOT # NITRIC ACID	LOT #		235003
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		
PPM SODIUM TO 3 DEC PLACES	1.000 PPM	0.991 - 1.009	1.000
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		



Aqua Solutions, Inc.
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PPM IRON TO 3 DEC PLACES	1.000	0.991 - 1.009	1.000
	PPM		
Sample ID			
Tested	03/22/23		
Tester	MMAT		
Recorded	03/22/23		
Lot #	3031342		
Made	03/22/23		

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