

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

Packaged Product: HOE048F			
GUR MID MULTI-ELEMENT STANDARD IN 4% NITRIC ACID (4L)			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 03/04/25			
Tester MMAT			
Recorded 03/04/25			
APPEARANCE AND COLOR	CLEAR TO SLIGHT AMBER		PASS
	COLOR		
	APPEARANCE		
Sample ID			
Tested 03/04/25			
Tester MMAT			
Recorded 03/04/25			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		GC,M108,VF4-N27
Sample ID			
Tested 03/04/25			
Tester MMAT			
Recorded 03/04/25			
ALUMINUM MG/L (CALCULATED)	10.000 ± 0.001		10.000
	MG/L		
Sample ID			
Tested 03/04/25			
Tester MMAT			
Recorded 03/04/25			
CALCIUM MG/L (CALCULATED)	20.000 ± 0.001		20.000
	MG/L		
Sample ID			
Tested 03/04/25			
Tester MMAT			
Recorded 03/04/25			
IRON MG/L (CALCULATED)	3.000 ± 0.001		3.000
	MG/L		
Sample ID			
Tested 03/04/25			
Tester MMAT			
Recorded 03/04/25			
MAGNESIUM MG/L (CALCULATED)	7.000 ± 0.001		7.000
	MG/L (PPM)		
Sample ID			
Tested 03/04/25			
Tester MMAT			
Recorded 03/04/25			
TITANIUM MG/L (CALCULATED)	10.000 ± 0.001		10.000
	MG/L		
Sample ID			
Tested 03/04/25			
Tester MMAT			
Recorded 03/04/25			



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Date: 03/04/25 at 4:18 PM

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ZINC MG/L (CALCULATED)	30.000 ± 0.001	30.000
	PPM (MG/L)	
Sample ID		
Tested	03/04/25	
Tester	MMAT	
Recorded	03/04/25	
EXPIRATION DATE	MM/DD/YYYY	09/30/2025
	MM/DD/YYYY	
Sample ID		
Tested	03/04/25	
Tester	MMAT	
Recorded	03/04/25	
Lot #	5030347	
Made	03/04/25	

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