



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

Packaged Product: HOE047F			
MIXED METALS SPIKE IN 2% HNO3 + 0.05% HCL (LITER)			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 02/05/25			
Tester MMAT			
Recorded 02/05/25			
CHROMIUM CONTENT	10.000 ± 0.001		10.000
	CR		
Sample ID			
Tested 02/05/25			
Tester MMAT			
Recorded 02/05/25			
COPPER CONTENT	10.000 ± 0.001		10.000
	CR		
Sample ID			
Tested 02/05/25			
Tester MMAT			
Recorded 02/05/25			
NICKEL CONTENT	10.000 ± 0.001		10.001
	PPM		
Sample ID			
Tested 02/05/25			
Tester MMAT			
Recorded 02/05/25			
Zinc Content	10.000 ± 0.001		10.001
	PPM		
Sample ID			
Tested 02/05/25			
Tester MMAT			
Recorded 02/05/25			
SELENIUM	0.500 ± 0.001		0.501
	PPM		
Sample ID			
Tested 02/05/25			
Tester MMAT			
Recorded 02/05/25			
Iron Content	100.000 ± 0.001		100.001
	PPM		
Sample ID			
Tested 02/05/25			
Tester MMAT			
Recorded 02/05/25			
ALUMINUM CONTENT	300.000 ± 0.001		300.000
	%		
Sample ID			
Tested 02/05/25			
Tester MMAT			
Recorded 02/05/25			



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APPEARANCE AND COLOR	CLEAR WATER WHITE APPEARANCE	PASS
Sample ID		
Tested	02/05/25	
Tester	MMAT	
Recorded	02/05/25	
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M108,M120,GC,GP,VF1-Z45
Sample ID		
Tested	02/05/25	
Tester	MMAT	
Recorded	02/05/25	
EXPIRATION DATE	MM/DD/YY	08/30/25
	MM/DD/YYYY	
Sample ID		
Tested	02/05/25	
Tester	MMAT	
Recorded	02/05/25	
Lot #	5020138	
Made	02/05/25	

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