



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

Packaged Product: HOE045F MIXED METALS LOW LEVEL IN 2% HNO3 + 0.05% HCL (LITER)			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
CHROMIUM CONTENT	1.000 ± 0.001		1.001
	CR		
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
LOT # 1850	LOT #		427504
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
COPPER CONTENT	1.000 ± 0.001		1.000
	CR		
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
LOT # 2250	LOT #		326303
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
NICKEL CONTENT	1.000 ± 0.001		1.000
	PPM		
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
LOT # 6450	LOT #		433707
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
Zinc Content	1.000 ± 0.001		1.000
	PPM		
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			

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LOT # ZINC AA 1,000 PPM STD		LOT #	435214
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
LOT 8150		LOT #	216604
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
ALUMINUM CONTENT		25.000 ± 0.001	25.000
		%	
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
LOT # ALUMINUM AA 1,000 PPM STD		LOT #	435212
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
Iron Content		25.000 ± 0.001	25.000
		PPM	
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
LOT # IRON AA 1,000 PPM STD		LOT #	433705
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
APPEARANCE AND COLOR		CLEAR WATER WHITE APPEARANCE	PASS
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
INSTRUMENTS USED DURING PREPARATION		INSTRUMENT	GC,PP-0.5,M108,VF1-Z45
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			
EXPIRATION DATE		MM/DD/YYYY	09/30/2025
		MM/DD/YYYY	
Sample ID			
Tested 03/04/25			
Tester CCOL			
Recorded 03/04/25			



Aqua Solutions, Inc.
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Page: 3

Date: 03/05/25 at 5:56 PM

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SELENIUM	1.000 ± 0.001 PPM	1.000
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Sample ID
Tested 03/04/25
Tester CCOL
Recorded 03/04/25

Lot # 5030342
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