



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

Packaged Product: HOE042F			
YTTRIUM 5 PPM IN 4% NITRIC ACID STANDARD			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 12/16/24			
Tester MMAT			
Recorded 12/16/24			
YTTRIUM CONTENT	5 PPM		5 PPM
	PPM		
Sample ID			
Tested 12/16/24			
Tester MMAT			
Recorded 12/16/24			
LOT # YTTRIUM AA 1,000 PPM STD	LOT #		427506
Sample ID			
Tested 12/16/24			
Tester MMAT			
Recorded 12/16/24			
LOT # NITRIC ACID	LOT #		317218
Sample ID			
Tested 12/16/24			
Tester MMAT			
Recorded 12/16/24			
APPEARANCE AND COLOR	CLEAR TO SLIGHT AMBER		PASS
	COLOR		
	APPEARANCE		
Sample ID			
Tested 12/16/24			
Tester MMAT			
Recorded 12/16/24			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		P363,GC,VF4-N22
Sample ID			
Tested 12/16/24			
Tester MMAT			
Recorded 12/16/24			
EXPIRATION DATE	MM/DD/YY		12/30/25
	MM/DD/YYYY		
Sample ID			
Tested 12/16/24			
Tester MMAT			
Recorded 12/16/24			
Lot #	4120958		
Made	12/16/24		



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Deer Park, TX 77536
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Date: 12/16/24 at 5:57 PM

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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