

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

Packaged Product: 6449			
NITRIC ACID 0.25 NORMAL CERTIFIED NIST TRACEABLE			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		02/20/2025
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
AMBIENT TEMPERATURE DURING	25.0	10.0 - 35.0	20.0
SAMPLING DEGC	DEG C		
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		02/20/2025
	MM/DD/YYYY		
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	20.0
DEG C	DEG C		
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
NORMALITY TO 4 DEC PLACES	0.2500	0.2495 - 0.2505	0.2499
	EQUIV/LITER		
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
N.I.S.T. Traceable to SRM 723 THAM	YES		YES
	YES		
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			

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QCSP5: STANDARDIZATION OF		YES	YES
AQUEOUS ACIDS		METHOD	
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
Actual Density		1.00669	1.00649 - 1.00689
		G/ML	1.00664
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
APPEARANCE AND COLOR		CLEAR LIQUID	PASS
		APPEARANCE	
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
INSTRUMENTS USED DURING		INSTRUMENT	M100,VF12-93,M91,BURET079
PREPARATION			
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
EXPIRATION DATE		MM/DD/YY	08/30/26
		MM/DD/YYYY	
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
SHELF LIFE OF PRODUCT		SHELF LIFE	18 MONTHS
		TIME	
Sample ID			
Tested 02/20/25			
Tester JRIO			
Recorded 02/20/25			
Lot #		5021230	
Made		02/20/25	

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.



Aqua Solutions, Inc.
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Date: 02/21/25 at 6:59 AM

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Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

Quality Manager