



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

<b>Packaged Product:</b> 4088			
HYDROCHLORIC ACID 0.005 NORMAL			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 06/24/24			
Tester JENC			
Recorded 06/24/24			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 06/24/24			
Tester JENC			
Recorded 06/24/24			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		06/24/2024
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 06/24/24			
Tester JENC			
Recorded 06/24/24			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	17.9
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 06/24/24			
Tester JENC			
Recorded 06/24/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		06/24/2024
	MM/DD/YYYY		
Sample ID			
Tested 06/24/24			
Tester JENC			
Recorded 06/24/24			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	17.9
<b>DEG C</b>	DEG C		
Sample ID			
Tested 06/24/24			
Tester JENC			
Recorded 06/24/24			
<b>Normality Reported to 5 decimal</b>	0.00500	0.00495 - 0.00505	0.00504
	EQ/L		
Sample ID			
Tested 06/24/24			
Tester JENC			
Recorded 06/24/24			
<b>QCSP5: STANDARDIZATION OF</b>	YES		YES
<b>AQUEOUS ACIDS</b>	METHOD		
Sample ID			
Tested 06/24/24			
Tester JENC			
Recorded 06/24/24			



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<b>Actual Density</b>	0.99833 GM/ML	0.99824 - 0.99852	0.99830
Sample ID			
Tested	06/24/24		
Tester	JENC		
Recorded	06/24/24		
<b>N.I.S.T. Traceable to SRM 723 THAM</b>	YES YES		YES
Sample ID			
Tested	06/24/24		
Tester	JENC		
Recorded	06/24/24		
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested	06/24/24		
Tester	JENC		
Recorded	06/24/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		VF2-B11,T-44,M55,BID06419,P IDM91
Sample ID			
Tested	06/24/24		
Tester	JENC		
Recorded	06/24/24		
<b>SHELF LIFE OF PRODUCT</b>	1 YEAR TIME		1 YEAR
Sample ID			
Tested	06/24/24		
Tester	JENC		
Recorded	06/24/24		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		06/30/2025
Sample ID			
Tested	06/24/24		
Tester	JENC		
Recorded	06/24/24		
<b>Lot #</b>	4061941		
<b>Made</b>	06/24/24		

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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Deer Park, TX 77536  
Website: [www.aquasolutions.org](http://www.aquasolutions.org)

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Date: 06/24/24 at 8:27 AM

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

**Quality Manager**