

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

<b>Packaged Product:</b> 8610 Sodium Hydroxide 0.02 Normal NIST Traceable Solution			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 03/14/24			
Tester JENC			
Recorded 03/14/24			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 03/14/24			
Tester JENC			
Recorded 03/14/24			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		03/14/2024
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 03/14/24			
Tester JENC			
Recorded 03/14/24			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	21.3
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 03/14/24			
Tester JENC			
Recorded 03/14/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		03/14/2024
	MM/DD/YYYY		
Sample ID			
Tested 03/14/24			
Tester JENC			
Recorded 03/14/24			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	21.3
<b>DEG C</b>	DEG C		
Sample ID			
Tested 03/14/24			
Tester JENC			
Recorded 03/14/24			
<b>Actual Normality</b>	0.0200	0.0195 - 0.0205	0.0196
	EQ/L		
Sample ID			
Tested 03/14/24			
Tester JENC			
Recorded 03/14/24			
<b>QCSP7: STANDARDIZATION OF</b>	YES		YES
<b>AQUEOUS BASES</b>	METHOD		
Sample ID			
Tested 03/14/24			
Tester JENC			
Recorded 03/14/24			

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<b>Actual Density</b>	0.99916 GM/ML	0.99904 - 0.99929	0.99914
Sample ID			
Tested	03/14/24		
Tester	JENC		
Recorded	03/14/24		
<b>N.I.S.T. Traceable to SRM 84 (KHP)</b>	YES YES		YES
Sample ID			
Tested	03/14/24		
Tester	JENC		
Recorded	03/14/24		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested	03/14/24		
Tester	JENC		
Recorded	03/14/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		T208,M55,M91,BI06419,TID411 00
Sample ID			
Tested	03/14/24		
Tester	JENC		
Recorded	03/14/24		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY		03/30/25
Sample ID			
Tested	03/14/24		
Tester	JENC		
Recorded	03/14/24		
<b>SHELF LIFE OF PRODUCT</b>	1 YEAR TIME		1 YEAR
Sample ID			
Tested	03/14/24		
Tester	JENC		
Recorded	03/14/24		
<b>Lot #</b>	4031365		
<b>Made</b>	03/14/24		

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  
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Date: 03/14/24 at 11:13 AM

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

**Quality Manager**