



**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 FILE</b>	YES		YES
Sample ID	YES		
Tested 10/11/22			
Tester MDON			
Recorded 10/11/22			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID	YES		
Tested 10/11/22			
Tester MDON			
Recorded 10/11/22			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		10/11/22
Sample ID	MM/DD/YYYY		
Tested 10/11/22			
Tester MDON			
Recorded 10/11/22			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.5
Sample ID	DEG C		
Tested 10/11/22			
Tester MDON			
Recorded 10/11/22			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		10/11/22
Sample ID	MM/DD/YYYY		
Tested 10/11/22			
Tester MDON			
Recorded 10/11/22			
<b>AMBIENT TEST TEMPERATURE DEG C</b>	20.0	15.0 - 30.0	21.5
Sample ID	DEG C		
Tested 10/11/22			
Tester MDON			
Recorded 10/11/22			
<b>Actual Normality</b>	0.0200	0.0195 - 0.0205	0.0198
Sample ID	EQ/L		
Tested 10/11/22			
Tester MDON			
Recorded 10/11/22			
<b>QCSP7: STANDARDIZATION OF AQUEOUS BASES</b>	YES		YES
Sample ID	METHOD		
Tested 10/11/22			
Tester MDON			
Recorded 10/11/22			



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<b>Actual Density</b>	0.99916 GM/ML	0.99904 - 0.99929	0.99912
Sample ID			
Tested	10/11/22		
Tester	MDON		
Recorded	10/11/22		
<b>N.I.S.T. Traceable to SRM 84 (KHP)</b>	YES YES		YES
Sample ID			
Tested	10/11/22		
Tester	MDON		
Recorded	10/11/22		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested	10/11/22		
Tester	MDON		
Recorded	10/11/22		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M83,T-28,M55,M91
Sample ID			
Tested	10/11/22		
Tester	MDON		
Recorded	10/11/22		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY		10/30/23
Sample ID			
Tested	10/11/22		
Tester	MDON		
Recorded	10/11/22		
<b>SHELF LIFE OF PRODUCT</b>	1 YEAR TIME		1 YEAR
Sample ID			
Tested	10/11/22		
Tester	MDON		
Recorded	10/11/22		
<b>Lot #</b>	2090707		
<b>Made</b>	10/11/22		

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: 10/11/22 at 11:29 AM

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

**Quality Manager**