



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

<b>Packaged Product:</b> 8650			
SODIUM HYDROXIDE 1.0 NORMAL NIST TRACEABLE SOLUTION			
Test	Target/UOM	Range	Result
<b>Actual Normality</b>	1.0000	0.9995 - 1.0005	0.9999
	EQ/L		
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>+ Measurement Uncertainty</b>	0.0070	= 0.0070	0.0070
	EQ/L		
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>QCSP7: STANDARDIZATION OF AQUEOUS BASES</b>	YES		YES
	METHOD		
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>N.I.S.T. Traceable to SRM 84</b>	Yes		YES
	YES		
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>Actual Density</b>	1.04114	1.04049 - 1.04179	1.04100
	GM/ML		
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
	YES		
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
	YES		
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		11/10/2023
	MM/DD/YYYY		
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		



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<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0 DEG C	10.0 - 35.0	20.4
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY MM/DD/YYYY		11/10/2023
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>AMBIENT TEST TEMPERATURE DEG C</b>	20.0 DEG C	15.0 - 30.0	20.0
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M25,T203,M55,M91,BID02851, TID41121
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY		11/30/25
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		
<b>SHELF LIFE OF PRODUCT</b>	2 YEARS TIME		2 YEARS
Sample ID			
Tested	11/10/23		
Tester	ENOR		
Recorded	11/10/23		

**Lot #** 3103120

**Made** 11/10/23



Aqua Solutions, Inc.  
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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**