



**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 EQ/L	0.9995 - 1.0005	0.9998
Sample ID			
Tested 01/17/24			
Tester DTRA			
Recorded 01/17/24			
<b>+ Measurement Uncertainty</b>	0.0070 EQ/L	= 0.0070	0.0070
Sample ID			
Tested 01/17/24			
Tester DTRA			
Recorded 01/17/24			
<b>QCSP7: STANDARDIZATION OF AQUEOUS BASES</b>	YES METHOD		YES
Sample ID			
Tested 01/17/24			
Tester DTRA			
Recorded 01/17/24			
<b>N.I.S.T. Traceable to SRM 84</b>	Yes YES		YES
Sample ID			
Tested 01/17/24			
Tester DTRA			
Recorded 01/17/24			
<b>Actual Density</b>	1.04114 GM/ML	1.04049 - 1.04179	1.04125
Sample ID			
Tested 01/17/24			
Tester DTRA			
Recorded 01/17/24			
<b>PREPARED TO FORMULATION ON FILE</b>	YES YES		YES
Sample ID			
Tested 01/17/24			
Tester DTRA			
Recorded 01/17/24			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES YES		YES
Sample ID			
Tested 01/17/24			
Tester DTRA			
Recorded 01/17/24			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY MM/DD/YYYY		01/17/2024
Sample ID			
Tested 01/17/24			
Tester DTRA			
Recorded 01/17/24			



**Aqua Solutions, Inc.**  
**6913 Highway 225**  
**Deer Park, TX, 77536**  
**281/479-2569**

**Certificate of Analysis / QC Results**

Customer PO # :

<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0 DEG C	10.0 - 35.0	21.0
Sample ID			
Tested	01/17/24		
Tester	DTRA		
Recorded	01/17/24		
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY MM/DD/YYYY		01/17/2024
Sample ID			
Tested	01/17/24		
Tester	DTRA		
Recorded	01/17/24		
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0 DEG C	15.0 - 30.0	21.0
Sample ID			
Tested	01/17/24		
Tester	DTRA		
Recorded	01/17/24		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested	01/17/24		
Tester	DTRA		
Recorded	01/17/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M114,T-IV
Sample ID			
Tested	01/17/24		
Tester	DTRA		
Recorded	01/17/24		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY		01/30/26
Sample ID			
Tested	01/17/24		
Tester	DTRA		
Recorded	01/17/24		
<b>SHELF LIFE OF PRODUCT</b>	2 YEARS TIME		2 YEARS
Sample ID			
Tested	01/17/24		
Tester	DTRA		
Recorded	01/17/24		

**Lot #** 4011267

**Made** 01/17/24



Aqua Solutions, Inc.  
Ph: 281-479-2569  
Fax: 281-479-2790  
P.O. Box 70  
Deer Park, TX 77536  
Website: [www.aquasolutions.org](http://www.aquasolutions.org)

Page: 3

Date: 01/17/24 at 2:19 PM

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

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**