



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

<b>Packaged Product:</b> 8657			
SODIUM HYDROXIDE 4.0 NORMAL			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 08/09/22			
Tester JENC			
Recorded 08/09/22			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 08/09/22			
Tester JENC			
Recorded 08/09/22			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		08/09/22
Sample ID			
Tested 08/09/22			
Tester JENC			
Recorded 08/09/22			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.6
Sample ID			
Tested 08/09/22			
Tester JENC			
Recorded 08/09/22			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		08/09/22
Sample ID			
Tested 08/09/22			
Tester JENC			
Recorded 08/09/22			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0	15.0 - 30.0	21.6
Sample ID			
Tested 08/09/22			
Tester JENC			
Recorded 08/09/22			
<b>Actual Normality</b>	4.0000	3.9950 - 4.0050	3.9956
	EQ/L		
Sample ID			
Tested 08/09/22			
Tester JENC			
Recorded 08/09/22			
<b>QCSP7: STANDARDIZATION OF AQUEOUS BASES</b>	YES		YES
	METHOD		
Sample ID			
Tested 08/09/22			
Tester JENC			
Recorded 08/09/22			



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<b>N.I.S.T. Traceable to SRM 84 (KHP)</b>	YES		YES
	YES		
Sample ID			
Tested	08/09/22		
Tester	JENC		
Recorded	08/09/22		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested	08/09/22		
Tester	JENC		
Recorded	08/09/22		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M101,T243,M55, M91,BID02253
Sample ID			
Tested	08/09/22		
Tester	JENC		
Recorded	08/09/22		
<b>INORGANIC CARBON CONTENT ACCEPTABLE FOR</b>	PASS		PASS
	PASS		
Sample ID			
Tested	08/09/22		
Tester	JENC		
Recorded	08/09/22		
<b>EXPIRATION DATE</b>	MM/DD/YY		08/30/24
	MM/DD/YYYY		
Sample ID			
Tested	08/09/22		
Tester	JENC		
Recorded	08/09/22		
<b>SHELF LIFE OF PRODUCT</b>	2 YEARS		2 YEARS
	TIME		
Sample ID			
Tested	08/09/22		
Tester	JENC		
Recorded	08/09/22		
<b>Actual Density</b>	1.15187	1.15073 - 1.15301	1.15127
	GM/ML		
Sample ID			
Tested	08/09/22		
Tester	JENC		
Recorded	08/09/22		

**Lot #** 20718103

**Made** 08/09/22



Aqua Solutions, Inc.  
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Deer Park, TX 77536  
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Date: 08/09/22 at 8:25 AM

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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**