



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

<b>Packaged Product:</b> 8667			
SODIUM HYDROXIDE 1.2 NORMAL LOW CARBONATE			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID	YES		
Tested 06/18/24			
Tester JENC			
Recorded 06/18/24			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID	YES		
Tested 06/18/24			
Tester JENC			
Recorded 06/18/24			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		06/18/2024
Sample ID	MM/DD/YYYY		
Tested 06/18/24			
Tester JENC			
Recorded 06/18/24			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	19.3
Sample ID	DEG C		
Tested 06/18/24			
Tester JENC			
Recorded 06/18/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		06/18/2024
Sample ID	MM/DD/YYYY		
Tested 06/18/24			
Tester JENC			
Recorded 06/18/24			
<b>AMBIENT TEST TEMPERATURE DEG C</b>	20.0	15.0 - 30.0	19.3
Sample ID	DEG C		
Tested 06/18/24			
Tester JENC			
Recorded 06/18/24			
<b>Product nitrogen purged</b>	YES		YES
Sample ID	YES		
Tested 06/18/24			
Tester JENC			
Recorded 06/18/24			
<b>QCSP7: STANDARDIZATION OF AQUEOUS BASES</b>	YES		YES
Sample ID	METHOD		
Tested 06/18/24			
Tester JENC			
Recorded 06/18/24			



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<b>Actual Normality</b>	1.2000 EQ/L	1.1990 - 1.2010	1.1999
Sample ID			
Tested	06/18/24		
Tester	JENC		
Recorded	06/18/24		
<b>N.I.S.T. Traceable to SRM 84 (KHP)</b>	YES YES		YES
Sample ID			
Tested	06/18/24		
Tester	JENC		
Recorded	06/18/24		
<b>PPM TOC TO 2 DEC PLACES</b>	5.00 PPM	0.00 - 5.00	1.29
Sample ID			
Tested	06/18/24		
Tester	JENC		
Recorded	06/18/24		
<b>PPM INORGANIC CARBON</b>	25.00 PPM	0.00 - 25.00	3.97
Sample ID			
Tested	06/18/24		
Tester	JENC		
Recorded	06/18/24		
<b>Actual Density</b>	1.04902 GM/ML	1.04852 - 1.04952	1.04916
Sample ID			
Tested	06/18/24		
Tester	JENC		
Recorded	06/18/24		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested	06/18/24		
Tester	JENC		
Recorded	06/18/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		T-8667,BID02259,PIDM91,TID4 1100
Sample ID			
Tested	06/18/24		
Tester	JENC		
Recorded	06/18/24		
<b>SHELF LIFE OF PRODUCT</b>	1 YEAR TIME		1 YEAR
Sample ID			
Tested	06/18/24		
Tester	JENC		
Recorded	06/18/24		



Aqua Solutions, Inc.  
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 Deer Park, TX 77536  
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Customer PO # :

<b>EXPIRATION DATE</b>	MM/DD/YYYY	06/30/2025
	MM/DD/YYYY	
Sample ID		
Tested	06/18/24	
Tester	JENC	
Recorded	06/18/24	
<b>Lot #</b>	4061402	
<b>Made</b>	06/18/24	

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.

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

**Quality Manager**