

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

Packaged Product: 8667			
SODIUM HYDROXIDE 1.2 NORMAL LOW CARBONATE			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 03/26/24			
Tester DTRA			
Recorded 03/26/24			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 03/26/24			
Tester DTRA			
Recorded 03/26/24			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		03/26/2024
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 03/26/24			
Tester DTRA			
Recorded 03/26/24			
AMBIENT TEMPERATURE DURING	25.0	10.0 - 35.0	21.0
SAMPLING DEGC	DEG C		
Sample ID			
Tested 03/26/24			
Tester DTRA			
Recorded 03/26/24			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		03/26/2024
	MM/DD/YYYY		
Sample ID			
Tested 03/26/24			
Tester DTRA			
Recorded 03/26/24			
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	21.0
DEG C	DEG C		
Sample ID			
Tested 03/26/24			
Tester DTRA			
Recorded 03/26/24			
Product nitrogen purged	YES		YES
	YES		
Sample ID			
Tested 03/26/24			
Tester DTRA			
Recorded 03/26/24			
QCSP7: STANDARDIZATION OF	YES		YES
AQUEOUS BASES	METHOD		
Sample ID			
Tested 03/26/24			
Tester DTRA			
Recorded 03/26/24			

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Actual Normality	1.2000 EQ/L	1.1990 - 1.2010	1.1997
Sample ID			
Tested	03/26/24		
Tester	DTRA		
Recorded	03/26/24		
N.I.S.T. Traceable to SRM 84 (KHP)	YES YES		YES
Sample ID			
Tested	03/26/24		
Tester	DTRA		
Recorded	03/26/24		
PPM TOC TO 2 DEC PLACES	5.00 PPM	0.00 - 5.00	0.15
Sample ID			
Tested	03/26/24		
Tester	DTRA		
Recorded	03/26/24		
PPM INORGANIC CARBON	25.00 PPM	0.00 - 25.00	19.49
Sample ID			
Tested	03/26/24		
Tester	DTRA		
Recorded	03/26/24		
Actual Density	1.04915 GM/ML	1.04815 - 1.05035	1.04905
Sample ID			
Tested	03/26/24		
Tester	DTRA		
Recorded	03/26/24		
APPEARANCE AND COLOR	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested	03/26/24		
Tester	DTRA		
Recorded	03/26/24		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		T8667,M55,,66,M91,BID079,TI D41124
Sample ID			
Tested	03/26/24		
Tester	DTRA		
Recorded	03/26/24		
SHELF LIFE OF PRODUCT	1 YEAR TIME		1 YEAR
Sample ID			
Tested	03/26/24		
Tester	DTRA		
Recorded	03/26/24		



Aqua Solutions, Inc.
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Date: 03/26/24 at 3:30 PM

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Customer PO # :

EXPIRATION DATE

MM/DD/YYYY

03/30/2025

MM/DD/YYYY

Sample ID

Tested 03/26/24

Tester DTRA

Recorded 03/26/24

Lot # 4032283

Made 03/26/24

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