



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

Packaged Product: 8640			
SODIUM HYDROXIDE 0.4 NORMAL			
Test	Target/UOM	Range	Result
Actual Normality	0.4000 EQ/L	0.3995 - 0.4005	0.4002
Sample ID			
Tested 11/14/23			
Tester SHAR			
Recorded 11/14/23			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 11/14/23			
Tester SHAR			
Recorded 11/14/23			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		11/14/2023
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 11/14/23			
Tester SHAR			
Recorded 11/14/23			
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	21.0
Sample ID			
Tested 11/14/23			
Tester SHAR			
Recorded 11/14/23			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY		11/14/2023
Sample ID			
Tested 11/14/23			
Tester SHAR			
Recorded 11/14/23			
AMBIENT TEST TEMPERATURE DEGC	20.0 DEG C	15.0 - 30.0	21.0
Sample ID			
Tested 11/14/23			
Tester SHAR			
Recorded 11/14/23			
PREPARED TO FORMULATION ON FILE	YES YES		YES
Sample ID			
Tested 11/14/23			
Tester SHAR			
Recorded 11/14/23			
QCSP7: STANDARDIZATION OF AQUEOUS BASES	YES METHOD		YES
Sample ID			
Tested 11/14/23			
Tester SHAR			
Recorded 11/14/23			



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Customer PO # :

APPEARANCE AND COLOR	CLEAR WATER WHITE		PASS
	LIQUID APPEARANCE		
Sample ID			
Tested	11/14/23		
Tester	SHAR		
Recorded	11/14/23		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M113,T52A,M55,M81,BID079,TID41124
Sample ID			
Tested	11/14/23		
Tester	SHAR		
Recorded	11/14/23		
EXPIRATION DATE	MM/DD/YY		05/30/25
	MM/DD/YYYY		
Sample ID			
Tested	11/14/23		
Tester	SHAR		
Recorded	11/14/23		
SHELF LIFE OF PRODUCT	SHELF LIFE TIME		18 MONTHS
Sample ID			
Tested	11/14/23		
Tester	SHAR		
Recorded	11/14/23		
Actual Density	1.01591	1.01581 - 1.01601	1.01594
	GM/ML		
Sample ID			
Tested	11/14/23		
Tester	SHAR		
Recorded	11/14/23		
Lot #	3111343		
Made	11/14/23		

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