

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

Packaged Product: 8638 SODIUM HYDROXIDE 0.313 NORMAL			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 05/05/23			
Tester DTRA			
Recorded 05/05/23			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 05/05/23			
Tester DTRA			
Recorded 05/05/23			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		05/05/23
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 05/05/23			
Tester DTRA			
Recorded 05/05/23			
AMBIENT TEMPERATURE DURING	25.0	10.0 - 35.0	20.0
SAMPLING DEGC	DEG C		
Sample ID			
Tested 05/05/23			
Tester DTRA			
Recorded 05/05/23			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		05/05/23
	MM/DD/YYYY		
Sample ID			
Tested 05/05/23			
Tester DTRA			
Recorded 05/05/23			
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	20.0
DEG C	DEG C		
Sample ID			
Tested 05/05/23			
Tester DTRA			
Recorded 05/05/23			
NORMALITY TO 4 DEC PLACES	0.3130	0.3125 - 0.3135	0.3131
	EQUIV/LITER		
Sample ID			
Tested 05/05/23			
Tester DTRA			
Recorded 05/05/23			
QCSP7: STANDARDIZATION OF	YES		YES
AQUEOUS BASES	METHOD		
Sample ID			
Tested 05/05/23			
Tester DTRA			
Recorded 05/05/23			

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N.I.S.T. Traceable to SRM 84	YES	YES
Sample ID	YES	
Tested 05/05/23		
Tester DTRA		
Recorded 05/05/23		
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE	PASS
Sample ID		
Tested 05/05/23		
Tester DTRA		
Recorded 05/05/23		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M113,T-ISAB,BID-00787,PID-M81
Sample ID		
Tested 05/05/23		
Tester DTRA		
Recorded 05/05/23		
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	05/30/25
Sample ID		
Tested 05/05/23		
Tester DTRA		
Recorded 05/05/23		
SHELF LIFE OF PRODUCT	SHELF LIFE TIME	2 YEARS
Sample ID		
Tested 05/05/23		
Tester DTRA		
Recorded 05/05/23		
Actual Density	1.01211 GM/ML	1.01199 - 1.01224 1.01214
Sample ID		
Tested 05/05/23		
Tester DTRA		
Recorded 05/05/23		
Lot #	3050329	
Made	05/05/23	

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.



Aqua Solutions, Inc.
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P.O. Box 70
Deer Park, TX 77536
Website: www.aquasolutions.org

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Date: 05/05/23 at 9:05 AM

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

Quality Manager