



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	05/23/22		
Tester	DTRA		
Recorded	05/23/22		
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested	05/23/22		
Tester	DTRA		
Recorded	05/23/22		
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		05/23/22
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested	05/23/22		
Tester	DTRA		
Recorded	05/23/22		
AMBIENT TEMPERATURE DURING	25.0	10.0 - 35.0	21.4
SAMPLING DEGC	DEG C		
Sample ID			
Tested	05/23/22		
Tester	DTRA		
Recorded	05/23/22		
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		05/23/22
	MM/DD/YYYY		
Sample ID			
Tested	05/23/22		
Tester	DTRA		
Recorded	05/23/22		
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	21.4
DEG C	DEG C		
Sample ID			
Tested	05/23/22		
Tester	DTRA		
Recorded	05/23/22		
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested	05/23/22		
Tester	DTRA		
Recorded	05/23/22		
QCSP7: STANDARDIZATION OF	YES		YES
AQUEOUS BASES	METHOD		
Sample ID			
Tested	05/23/22		
Tester	DTRA		
Recorded	05/23/22		



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APPEARANCE AND COLOR	CLEAR WATER WHITE LIQUID APPEARANCE	PASS
Sample ID		
Tested	05/23/22	
Tester	DTRA	
Recorded	05/23/22	
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M103,VF12-85,M55,BID00787
Sample ID		
Tested	05/23/22	
Tester	DTRA	
Recorded	05/23/22	
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	11/30/23
Sample ID		
Tested	05/23/22	
Tester	DTRA	
Recorded	05/23/22	
SHELF LIFE OF PRODUCT	SHELF LIFE TIME	18 MONTHS
Sample ID		
Tested	05/23/22	
Tester	DTRA	
Recorded	05/23/22	
Actual Density	1.01591 GM/ML	1.01581 - 1.01601 1.01583
Sample ID		
Tested	05/23/22	
Tester	DTRA	
Recorded	05/23/22	
Lot #	2050983	
Made	05/23/22	

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