

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

Packaged Product: 8643			
SODIUM HYDROXIDE 0.1667 NORMAL			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
NORMALITY TO 4 DEC PLACES	0.1667	0.1666 - 0.1668	0.1666
	EQUIV/LITER		
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
+ Measurement Uncertainty	0.0012		0.0012
	EQ/L		
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
QCSP7: STANDARDIZATION OF	YES		YES
AQUEOUS BASES	METHOD		
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
N.I.S.T. Traceable to SRM 84	YES		YES
	YES		
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
Actual Density	1.00572	1.00564 - 1.00580	1.00600
	G/ML		
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		03/06/2025
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			

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AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	20.3
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY		03/06/2025
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
AMBIENT TEST TEMPERATURE DEGC	20.0 DEG C	15.0 - 30.0	20.3
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
Additions, Deviations or Exclusions	NONE CHARACTER		NONE
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		T-221,M55,M91,BURET3902,TI 53309
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
EXPIRATION DATE	MM/DD/YYYY MM/DD/YYYY		03/30/2027
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			
SHELF LIFE OF PRODUCT	2 YEARS TIME		2 YEARS
Sample ID			
Tested 03/06/25			
Tester BKIR			
Recorded 03/06/25			

Lot # 5022846

Made 03/06/25



Aqua Solutions, Inc.
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Date: 03/11/25 at 6:54 AM

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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