



Aqua Solutions, Inc.
 Ph: 281-479-2569
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 P.O. Box 70
 Deer Park, TX 77536
 Website: www.aquasolutions.org

Aqua Solutions, Inc.
6913 Highway 225
Deer Park, TX, 77536
281/479-2569

Certificate of Analysis / QC Results

Customer: DEP040 / SCI (SCIENTIFIC CONSUMABLES&INSTRU)

Packaged Product: 8650-1L
 SODIUM HYDROXIDE 1.0 NORMAL NIST TRACEABLE (1L)

Lot # 2080825

Chemical Product: 8650
 SODIUM HYDROXIDE 1.0 NORMAL NIST TRACEABLE SOLUTION

Test	Target/UOM	Range	Result
Actual Normality	1.0000 EQ/L	0.9995 - 1.0005	1.0004
Actual Normality	1.0000 EQ/L	0.9995 - 1.0005	1.0004
+/- Measurement Uncertainty	0.0070 EQ/L	= 0.0070	0.0070
QCSP7: STANDARDIZATION OF AQUEOUS BASES	YES METHOD		YES
QCSP7: STANDARDIZATION OF AQUEOUS BASES	YES METHOD		YES
N.I.S.T. Traceable to SRM 84	Yes YES		YES
N.I.S.T. Traceable to SRM 84	Yes YES		YES
Actual Density	1.04114 GM/ML	1.04049 - 1.04179	1.04097
Actual Density	1.04114 GM/ML	1.04049 - 1.04179	1.04097
PREPARED TO FORMULATION ON FILE	YES		YES
PREPARED TO FORMULATION ON FILE	YES		YES
SAMPLE COLLECTION & HANDLING PER LAB040	YES		YES
SAMPLE COLLECTION & HANDLING PER LAB040	YES		YES
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY		08/23/22
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY		08/23/22
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	20.2
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	20.2
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	20.2
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		08/23/22



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Date: 10/11/22 at 12:47 PM

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AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	20.2
DEG C	DEG C		
APPEARANCE AND COLOR	CLEAR WATER WHITE		PASS
	LIQUID		
	APPEARANCE		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M55,M25,T-VI,M81,BID02851,T
EXPIRATION DATE	MM/DD/YY		IDS3142
	MM/DD/YYYY		08/30/24
SHELF LIFE OF PRODUCT	2 YEARS		2 YEARS
	TIME		

Made 08/24/22

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