

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

## Customer PO # :

Package	ed Product: 8640			
	SODIUM H	IYDROXIDE 0.4 NORMAL		
Test		Target/UOM	Range	Result
Actual Normality		0.4000	0.3995 - 0.4005	0.4002
	Sample ID	EQ/L		
	Sample ID Tested 11/14/23			
	Tester SHAR			
	Recorded 11/14/23			
		YES		YES
SAMPLE COLLECTION & HANDLING		YES		TES
PER LAB040		fES		
	Sample ID			
	Tested 11/14/23			
	Tester SHAR			
	Recorded 11/14/23			4444/2222
	SAMPLING FOR TEST			11/14/2023
PURPOSE		MM/DD/YYYY		
	Sample ID			
	Tested 11/14/23			
	Tester SHAR			
	Recorded 11/14/23			
AMBIENT TEMPERATURE DURING		25.0	10.0 - 35.0	21.0
SAMPLING		DEG C		
	Sample ID			
	Tested 11/14/23			
	Tester SHAR			
	Recorded 11/14/23			
DATE OF TESTING OF SAMPLE		MM/DD/YYYY		11/14/2023
		MM/DD/YYYY		
	Sample ID			
	Tested 11/14/23			
	Tester SHAR			
	Recorded 11/14/23			
AMBIENT TEST TEMPERATURE		20.0	15.0 - 30.0	21.0
EG C		DEG C		
	Sample ID			
	Tested 11/14/23			
	Tester SHAR			
	Recorded 11/14/23			
REPARE	D TO FORMULATION ON	YES		YES
ILE		YES		
	Sample ID			
	Tested 11/14/23			
	Tester SHAR			
	Recorded 11/14/23			
QCSP7: STANDARDIZATION OF		YES		YES
AQUEOUS BASES		METHOD		
	Sample ID			
	Tested 11/14/23			
	Tester SHAR			
	Recorded 11/14/23			



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Customer PO # :

	APPEARANCE AND COLOR		CLEAR WATER WHITE LIQUID APPEARANCE		PASS
PREPARATION     ID41124       Sample ID Tested     11/14/23 Recorded     ID41124       Recorded     11/14/23     ID41124       Recorded     11/14/23     ID41124       EXPIRATION DATE     MM/DD/YY     05/30/25       Sample ID Tested     11/14/23     ID41124       Sample ID Tested     11/14/23     ID41124       Recorded     11/14/23     ID41124       Stelf LIFE OF PROJUCE     SHELF LIFE OF ROJUCE     18 MONTHS       Sample ID Tested     11/14/23     ID41124       Recorded     11/14/23     ID41124       Actual Density     1.01591     1.01581-1.01601     1.01594       Sample ID Tested     11/14/23     ID41124       GM/ML     ID41124     ID41124       GM/ML     ID41124     ID41124	Tested Tester	SHAR			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	INSTRUMENTS USED DURING		INSTRUMENT		M113,T52A,M55,M81,BID079,T
Tested   11/14/23     Tester   SHAR     Recorded   11/14/23     EXPIRATION DW   MM/DD/YY     EXPIRATION DW   MM/DD/YYY     Sample ID   MM/DD/YYY     Sample ID   MM/DD/YYY     Stester   SHAR     Recorded   11/14/23     Tested   SHAR     Recorded   11/14/23     Tester   SHELF LIFE OF DWDUC     Stelf LIFE OF ROWUC   SHELF LIFE     Sample ID   TIME     Sample ID   TIME     Recorded   11/14/23     Tester   SHAR     Recorded   11/14/23     Tester   SHAR     Recorded   11/14/23     Tester   1.01591     1.01581-1.01601   1.01594     MM/L   GM/ML     Sample ID   GM/ML     Sample ID   Single ID     Recorded   11/14/23     Recorded   11/14/23     Recorded   11/14/23     Recorded   11/14/23	PREPARATION				ID41124
EXPIRATION DATE MM/DD/YY 05/30/25   MM/DD/YYYY   Sample ID- 11/14/23   Tested 11/14/23   Recorded 11/14/23   SHELF LIFE OF RODU-V SHELF LIFE   Sample ID- TIME   Tested 11/14/23   Recorded 11/14/23   Actual Density 1.01591   Sample ID- 1.01591   Sample ID- 1.01591   Sample ID- GM/ML   Sample ID- 1.01591   Tested 1/14/23   Actual Density 1.01591   Sample ID- Sample ID-   Tested 1/14/23   Recorded 1/14/23   Tested 1/14/23	Tested Tester	SHAR			
Sample ID     Tested   11/14/23     Tester   SHAR     Recorded   11/14/23     SHELF LIFE   OF PRODUCT     Sample ID   TIME     Tester   SHAR     Recorded   11/14/23     Actual Density   1.01591     Sample ID   1.01591     GM/ML   1.01591-1.01601     Sample ID   Sample ID     Tester   SHAR     Recorded   11/14/23     Sample ID   1.01591     Sample ID   Sample ID     GM/ML   1.01594     Sample ID   Sample ID     Tested   11/14/23     Fester   SHAR     Recorded   11/14/23			MM/DD/YY		05/30/25
Tested     11/14/23       Tester     SHAR       Recorded     11/14/23       SHELF LIFE OF PRODUC     SHELF LIFE     18 MONTHS       Sample ID     TIME       Sample ID     Tester       Tester     SHAR       Recorded     11/14/23       Actual Density     1.01591       Sample ID     1.01591       GM/ML     1.01581 - 1.01601       Sample ID     GM/ML       Fester     11/14/23       Fester     1.01591       GM/ML     1.01594			MM/DD/YYYY		
Tester SHAR Recorded 11/14/23 SHELF LIFE OF PRODUCT SHELF LIFE 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 1.01594 1.01594	Sample ID				
Recorded 11/14/23 SHELF LIFE OF PRODUCT SHELF LIFE 18 MONTHS TIME Sample ID Tested 11/14/23 Tester SHAR Recorded 11/14/23 Actual Density 1.01591 1.01581 - 1.01601 1.01594 GM/ML 1.01581 - 1.01601 1.01594 GM/ML 1.01594 Fested 11/14/23	Tested	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     Sample ID Tested   11/14/23   1.01591   1.01581 - 1.01601   1.01594     Sample ID Tested   11/14/23   1.01581 - 1.01601   1.01594     Kecorded   11/14/23   1.01594   1.01594     Tester   SHAR Recorded   11/14/23   1.01594	Tester	SHAR			
Time   Time     Sample ID   Tested   11/14/23     Tester   SHAR     Recorded   11/14/23     Actual Density   1.01591     Sample ID   1.01581 - 1.01601     Sample ID   GM/ML     Tested   11/14/23     Tester   SHAR     Recorded   11/14/23     Tester   SHAR     Recorded   11/14/23					
Tested     11/14/23       Tester     SHAR       Recorded     11/14/23       Actual Density     1.01591     1.01581 - 1.01601     1.01594       GM/ML     GM/ML     1.01594     1.01594       Fester     Sample ID     Tested     11/14/23       Tester     SHAR     Fester     SHAR       Recorded     11/14/23     Fester     SHAR       Tester     SHAR     Fester     SHAR       Recorded     11/14/23     Fester     SHAR	SHELF LIFE OF PRODUCT				18 MONTHS
Tester     SHAR Recorded     11/14/23       Actual Density     1.01591     1.01581 - 1.01601     1.01594       GM/ML     GM/ML     1.01581 - 1.01601     1.01594       Sample ID Tested     11/14/23 Tester     SHAR Recorded     11/14/23       Recorded     11/14/23     1.01581     1.01581					
Recorded     11/14/23       Actual Density     1.01591     1.01581 - 1.01601     1.01594       GM/ML     GM/ML     1.01594     1.01594       Sample ID     Tested     11/14/23     1.01594       Tester     SHAR     1.01594     1.01594       Recorded     11/14/23     1.01594     1.01594					
Actual Density   1.01591   1.01581 - 1.01601   1.01594     GM/ML   GM/ML   GM/ML   1.01581 - 1.01601   1.01594     Sample ID   Tested   11/14/23   1.01581 - 1.01601   1.01594     Tester   SHAR   SHAR   1.01594   1.01594     Recorded   11/14/23   1.01594   1.01594					
GM/ML Sample ID Tested 11/14/23 Tester SHAR Recorded 11/14/23		11/14/23			1 0 1 7 0 1
Tested 11/14/23 Tester SHAR Recorded 11/14/23	Actual Density			1.01581 - 1.01601	1.01594
Tester SHAR Recorded 11/14/23					
Recorded 11/14/23					
Lot # 3111343					
	Lot # 31113	13			
Made 11/14/23	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.

hichard Stot

**Quality Manager**