



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

Packaged Product: 7200			
POTASSIUM HYDROXIDE 0.5 NORMAL AQUEOUS NIST TRACEABLE			
Test	Target/UOM	Range	Result
N.I.S.T. Traceable to SRM 723 THAM	Yes		YES
	YES		
Sample ID			
Tested	09/19/22		
Tester	CCOA		
Recorded	09/19/22		
SAMPLE COLLECTION & HANDLING PER LAB040	YES		YES
	YES		
Sample ID			
Tested	09/19/22		
Tester	CCOA		
Recorded	09/19/22		
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY		09/17/22
	MM/DD/YYYY		
Sample ID			
Tested	09/19/22		
Tester	CCOA		
Recorded	09/19/22		
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0	10.0 - 35.0	25.5
	DEG C		
Sample ID			
Tested	09/19/22		
Tester	CCOA		
Recorded	09/19/22		
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		09/17/22
	MM/DD/YYYY		
Sample ID			
Tested	09/19/22		
Tester	CCOA		
Recorded	09/19/22		
AMBIENT TEST TEMPERATURE DEG C	20.0	15.0 - 30.0	20.9
	DEG C		
Sample ID			
Tested	09/19/22		
Tester	CCOA		
Recorded	09/19/22		
QCSP7: STANDARDIZATION OF AQUEOUS BASES	YES		YES
	METHOD		
Sample ID			
Tested	09/19/22		
Tester	CCOA		
Recorded	09/19/22		
Actual Normality	0.5000	0.4995 - 0.5005	0.5004
	EQ/L		
Sample ID			
Tested	09/19/22		
Tester	CCOA		
Recorded	09/19/22		



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PREPARED TO FORMULATION ON FILE	YES YES	YES
Sample ID		
Tested	09/19/22	
Tester	CCOA	
Recorded	09/19/22	
APPEARANCE AND COLOR	CLEAR WATER WHITE LIQUID APPEARANCE	PASS
Sample ID		
Tested	09/19/22	
Tester	CCOA	
Recorded	09/19/22	
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M101,T141,M55,M91,BID00488 ,TID4108
Sample ID		
Tested	09/19/22	
Tester	CCOA	
Recorded	09/19/22	
Actual Density	1.02312 GM/ML	1.02275 - 1.02349 1.02320
Sample ID		
Tested	09/19/22	
Tester	CCOA	
Recorded	09/19/22	
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	09/30/24
Sample ID		
Tested	09/19/22	
Tester	CCOA	
Recorded	09/19/22	
SHELF LIFE OF PRODUCT	2 YEARS TIME	2 YEARS
Sample ID		
Tested	09/19/22	
Tester	CCOA	
Recorded	09/19/22	
Lot #	2082347	
Made	09/19/22	

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.



Aqua Solutions, Inc.
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P.O. Box 70
Deer Park, TX 77536
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Date: 09/19/22 at 7:49 AM

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

Quality Manager