



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

<b>Packaged Product:</b> 7261			
POTASSIUM HYDROXIDE 0.5M IN ETHYL ALCOHOL ASTM D 94 (MKFRESH)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID	YES		
Tested 03/15/24			
Tester AFRE			
Recorded 03/15/24			
<b>ACTUAL MOLARITY</b>	0.5000	0.4980 - 0.5020	0.5009
	MOLARITY (M/L)		
Sample ID			
Tested 03/15/24			
Tester AFRE			
Recorded 03/15/24			
<b>QCSP7: STANDARDIZATION OF AQUEOUS BASES</b>	YES		YES
	METHOD		
Sample ID			
Tested 03/15/24			
Tester AFRE			
Recorded 03/15/24			
<b>PREPARED TO ASTM D 94</b>	YES		YES
	PASS		
Sample ID			
Tested 03/15/24			
Tester AFRE			
Recorded 03/15/24			
<b>APPEARANCE AND COLOR</b>	CLEAR TO SLIGHT TURBID		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested 03/15/24			
Tester AFRE			
Recorded 03/15/24			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M103,VF12-96,M55,BID00488, PIDM91
Sample ID			
Tested 03/15/24			
Tester AFRE			
Recorded 03/15/24			
<b>Actual Density</b>	0.82985	0.82900 - 0.83050	0.83010
	GM/ML		
Sample ID			
Tested 03/15/24			
Tester AFRE			
Recorded 03/15/24			
<b>EXPIRATION DATE</b>	MM/DD/YY		07/30/24
	MM/DD/YYYY		
Sample ID			
Tested 03/15/24			
Tester AFRE			
Recorded 03/15/24			



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Date: 03/15/24 at 11:18 AM

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**Customer PO # :**

<b>Lot #</b>	4031436
<b>Made</b>	03/15/24

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**