



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

Test	Target/UOM	Range	Result
<b>Packaged Product:</b> ERL114AF POTASSIUM HYDROXIDE 0.1 NORMAL IN IPA			
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 09/02/21			
Tester RIRO			
Recorded 09/02/21			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 09/02/21			
Tester RIRO			
Recorded 09/02/21			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		09/2/21
Sample ID	MM/DD/YYYY		
Tested 09/02/21			
Tester RIRO			
Recorded 09/02/21			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.7
Sample ID	DEG C		
Tested 09/02/21			
Tester RIRO			
Recorded 09/02/21			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		09/02/21
Sample ID	MM/DD/YYYY		
Tested 09/02/21			
Tester RIRO			
Recorded 09/02/21			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0	15.0 - 30.0	21.7
Sample ID	DEG C		
Tested 09/02/21			
Tester RIRO			
Recorded 09/02/21			
<b>LOT NUMBER OF ORIGINAL MATERIAL</b>	BULK LOT NUMBER		1083006
Sample ID	LOT #		
Tested 09/02/21			
Tester RIRO			
Recorded 09/02/21			
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.1005
Sample ID	EQ/L		
Tested 09/02/21			
Tester RIRO			
Recorded 09/02/21			



Aqua Solutions, Inc.  
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<b>Actual Density</b>	0.79116 GM/ML	0.78994 - 0.79237	0.79142
Sample ID			
Tested	09/02/21		
Tester	RIRO		
Recorded	09/02/21		
<b>N.I.S.T. Traceable to SRM 84</b>	YES YES		YES
Sample ID			
Tested	09/02/21		
Tester	RIRO		
Recorded	09/02/21		
<b>APPEARANCE AND COLOR</b>	CLEAR-SLIGHTLY HAZY LIQUID APPEARANCE		PASS
Sample ID			
Tested	09/02/21		
Tester	RIRO		
Recorded	09/02/21		
<b>INSTRUMENTS USED DURING PREPARATION</b>	LAB EQUIPMENT INSTRUMENT		M55,M81,
Sample ID			
Tested	09/02/21		
Tester	RIRO		
Recorded	09/02/21		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		09/14/21
Sample ID			
Tested	09/02/21		
Tester	RIRO		
Recorded	09/02/21		
<b>SHELF LIFE OF PRODUCT</b>	1 WEEK TIME		1 WEEK
Sample ID			
Tested	09/02/21		
Tester	RIRO		
Recorded	09/02/21		
<b>Lot #</b>	1083006		
<b>Made</b>	09/02/21		

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.