



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

<b>Packaged Product:</b> ERL114AF			
POTASSIUM HYDROXIDE 0.1 NORMAL IN IPA			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 05/16/23			
Tester MHUS			
Recorded 05/16/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 05/16/23			
Tester MHUS			
Recorded 05/16/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		05/16/23
Sample ID			
Tested 05/16/23			
Tester MHUS			
Recorded 05/16/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0 DEG C	10.0 - 35.0	21.2
Sample ID			
Tested 05/16/23			
Tester MHUS			
Recorded 05/16/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY MM/DD/YYYY		05/16/23
Sample ID			
Tested 05/16/23			
Tester MHUS			
Recorded 05/16/23			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0 DEG C	15.0 - 30.0	21.2
Sample ID			
Tested 05/16/23			
Tester MHUS			
Recorded 05/16/23			
<b>LOT NUMBER OF ORIGINAL MATERIAL</b>	BULK LOT NUMBER LOT #		3042419
Sample ID			
Tested 05/16/23			
Tester MHUS			
Recorded 05/16/23			
<b>Actual Normality</b>	0.1000 EQ/L	0.0995 - 0.1005	0.0999
Sample ID			
Tested 05/16/23			
Tester MHUS			
Recorded 05/16/23			



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<b>Actual Density</b>	0.79116 GM/ML	0.78994 - 0.79237	0.79114
Sample ID			
Tested	05/16/23		
Tester	MHUS		
Recorded	05/16/23		
<b>N.I.S.T. Traceable to SRM 84 (KHP)</b>	YES YES		YES
Sample ID			
Tested	05/16/23		
Tester	MHUS		
Recorded	05/16/23		
<b>APPEARANCE AND COLOR</b>	CLEAR-SLIGHTLY HAZY LIQUID APPEARANCE		PASS
Sample ID			
Tested	05/16/23		
Tester	MHUS		
Recorded	05/16/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	LAB EQUIPMENT INSTRUMENT		BID-3902,PID-M91
Sample ID			
Tested	05/16/23		
Tester	MHUS		
Recorded	05/16/23		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		05/30/23
Sample ID			
Tested	05/16/23		
Tester	MHUS		
Recorded	05/16/23		
<b>SHELF LIFE OF PRODUCT</b>	1 WEEK TIME		1 WEEK
Sample ID			
Tested	05/16/23		
Tester	MHUS		
Recorded	05/16/23		
<b>Lot #</b>	3051504		
<b>Made</b>	05/16/23		

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.



Aqua Solutions, Inc.  
Ph: 281-479-2569  
Fax: 281-479-2790  
P.O. Box 70  
Deer Park, TX 77536  
Website: [www.aquasolutions.org](http://www.aquasolutions.org)

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Date: 05/16/23 at 10:20 AM

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

**Quality Manager**