

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

<b>Packaged Product:</b> ERL099F			
HYDROCHLORIC ACID 0.01 NORMAL (SODIUM CARBONATE STD)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 05/03/23			
Tester MHUS			
Recorded 05/03/23			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 05/03/23			
Tester MHUS			
Recorded 05/03/23			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		05/03/23
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 05/03/23			
Tester MHUS			
Recorded 05/03/23			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	21.2
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 05/03/23			
Tester MHUS			
Recorded 05/03/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		05/03/23
	MM/DD/YYYY		
Sample ID			
Tested 05/03/23			
Tester MHUS			
Recorded 05/03/23			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	21.4
<b>DEG C</b>	DEG C		
Sample ID			
Tested 05/03/23			
Tester MHUS			
Recorded 05/03/23			
<b>Actual Normality</b>	0.0100	0.0095 - 0.0105	0.0096
	EQ/L		
Sample ID			
Tested 05/03/23			
Tester MHUS			
Recorded 05/03/23			
<b>Actual Density</b>	0.99843	0.99836 - 0.99851	0.99840
	GM/ML		
Sample ID			
Tested 05/03/23			
Tester MHUS			
Recorded 05/03/23			

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**APPEARANCE AND COLOR**

CLEAR LIQUID  
APPEARANCE

PASS

Sample ID  
Tested 05/03/23  
Tester MHUS  
Recorded 05/03/23

**INSTRUMENTS USED DURING  
PREPARATION**

INSTRUMENT

M55,BID-04099,PID-M91

Sample ID  
Tested 05/03/23  
Tester MHUS  
Recorded 05/03/23

**EXPIRATION DATE**

MM/DD/YYYY  
MM/DD/YYYY

08/30/23

Sample ID  
Tested 05/03/23  
Tester MHUS  
Recorded 05/03/23

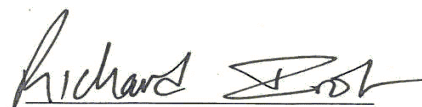
**Lot #** 3041018

**Made** 05/03/23

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.



**Quality Manager**