



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

<b>Packaged Product:</b> 4357			
HYDROCHLORIC ACID 0.004 NORMAL/Phenolphthalein e.p.			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 10/23/23			
Tester JENC			
Recorded 10/23/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 10/23/23			
Tester JENC			
Recorded 10/23/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		10/23/2023
Sample ID			
Tested 10/23/23			
Tester JENC			
Recorded 10/23/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0 DEG C	10.0 - 35.0	21.7
Sample ID			
Tested 10/23/23			
Tester JENC			
Recorded 10/23/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY MM/DD/YYYY		10/23/2023
Sample ID			
Tested 10/23/23			
Tester JENC			
Recorded 10/23/23			
<b>AMBIENT TEST TEMPERATURE DEG C</b>	20.0 DEG C	15.0 - 30.0	21.7
Sample ID			
Tested 10/23/23			
Tester JENC			
Recorded 10/23/23			
<b>NORMALITY TO 4 DEC PLACES</b>	0.0040 EQUIV/LITER	0.0037 - 0.0043	0.0041
Sample ID			
Tested 10/23/23			
Tester JENC			
Recorded 10/23/23			
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE APPEARANCE		PASS
Sample ID			
Tested 10/23/23			
Tester JENC			
Recorded 10/23/23			



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<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	GC,T-21,BID06419,PIDP-59
Sample ID		
Tested 10/23/23		
Tester JENC		
Recorded 10/23/23		
<b>EXPIRATION DATE</b>	MM/DD/YY	10/30/24
	MM/DD/YYYY	
Sample ID		
Tested 10/23/23		
Tester JENC		
Recorded 10/23/23		
<b>N.I.S.T. Traceable to SRM 84</b>	YES	YES
	YES	
Sample ID		
Tested 10/23/23		
Tester JENC		
Recorded 10/23/23		
<b>Lot #</b> 3101918		
<b>Made</b> 10/23/23		

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**