



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

<b>Packaged Product:</b> 0040			
ACETIC ACID 1.0 NORMAL			
Test	Target/UOM	Range	Result
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 07/03/23			
Tester DTRA			
Recorded 07/03/23			
<b>FORMULA</b>	CH3COOH		CH3COOH
	FORMULA		
Sample ID			
Tested 07/03/23			
Tester DTRA			
Recorded 07/03/23			
<b>MOLECULAR WEIGHT</b>	60	= 60	60
	MOL. WT.		
Sample ID			
Tested 07/03/23			
Tester DTRA			
Recorded 07/03/23			
<b>EXPIRATION DATE</b>	MM/DD/YY		07/30/24
	MM/DD/YYYY		
Sample ID			
Tested 07/03/23			
Tester DTRA			
Recorded 07/03/23			
<b>ANIMAL OR NON-ANIMAL ORIGIN</b>	NON-ANIMAL		NON-ANIMAL
	ORIGIN		
Sample ID			
Tested 07/03/23			
Tester DTRA			
Recorded 07/03/23			
<b>SHELF LIFE OF PRODUCT</b>	SHELF LIFE		1 YEAR
	TIME		
Sample ID			
Tested 07/03/23			
Tester DTRA			
Recorded 07/03/23			
<b>Actual Normality</b>	1.0000	0.9991 - 1.0009	1.0000
	EQ/L		
Sample ID			
Tested 07/03/23			
Tester DTRA			
Recorded 07/03/23			
<b>QCSP37:STANDARDIZATION</b>	YES		YES
<b>ACETIC ACID SOLN</b>	QCSP37		
Sample ID			
Tested 07/03/23			
Tester DTRA			
Recorded 07/03/23			



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Customer PO # :

<b>N.I.S.T. Traceable to SRM 84</b>	Yes YES	YES
Sample ID		
Tested	07/03/23	
Tester	DTRA	
Recorded	07/03/23	
<b>PREPARED TO FORMULATION ON FILE</b>	YES YES	YES
Sample ID		
Tested	07/03/23	
Tester	DTRA	
Recorded	07/03/23	
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE	PASS
Sample ID		
Tested	07/03/23	
Tester	DTRA	
Recorded	07/03/23	
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	M100,VF5-L8
Sample ID		
Tested	07/03/23	
Tester	DTRA	
Recorded	07/03/23	
<b>CAS NUMBER</b>	64197(ACETIC ACID) CAS#	64197
Sample ID		
Tested	07/03/23	
Tester	DTRA	
Recorded	07/03/23	
<b>Lot #</b>	3062923	
<b>Made</b>	07/03/23	

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**