



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

<b>Packaged Product:</b> A1100-2.5L			
ACETIC ACID GLACIAL REAGENT ACS (2.5L) (AX0073-9)			
Test	Target/UOM	Range	Result
<b>ASSAY OF MATERIAL</b>	MIN 99.7%		100.2%
	%		
Sample ID			
Tested	01/19/24		
Tester	TBUR		
Recorded	01/19/24		
<b>ACETIC ANHYDRIDE</b>	MAX 0.01%		<0.01%
	ACETICANH		
Sample ID			
Tested	01/19/24		
Tester	TBUR		
Recorded	01/19/24		
<b>CHLORIDE CONTENT</b>	MAX 1 PPM		<1 PPM
	PPM		
Sample ID			
Tested	01/19/24		
Tester	TBUR		
Recorded	01/19/24		
<b>COLOR</b>	MAX 10		<10 APHA
	PT-CO		
Sample ID			
Tested	01/19/24		
Tester	TBUR		
Recorded	01/19/24		
<b>DILUTION TEST</b>	PASSES TEST		PASSES TEST
	PASS		
Sample ID			
Tested	01/19/24		
Tester	TBUR		
Recorded	01/19/24		
<b>HEAVY METAL (AS PB)</b>	MAX 0.5 PPM		<0.5 PPM
	PPM		
Sample ID			
Tested	01/19/24		
Tester	TBUR		
Recorded	01/19/24		
<b>IRON</b>	MAX 0.2 PPM		0.037 PPM
	PPM		
Sample ID			
Tested	01/19/24		
Tester	TBUR		
Recorded	01/19/24		
<b>SUBSTANCES REDUCING KMNO4</b>	PASSES TEST		PASSES TEST
	PASS		
Sample ID			
Tested	01/19/24		
Tester	TBUR		
Recorded	01/19/24		



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<b>SULFATE (SO4) CONTENT</b>	MAX 1 PPM MAX 60 MG/KG	<1 PPM
Sample ID		
Tested	01/19/24	
Tester	TBUR	
Recorded	01/19/24	
<b>TITRABLE BASE</b>	MAX 0.0004 MEQ/G T BASE	0.0004 MEQ/G
Sample ID		
Tested	01/19/24	
Tester	TBUR	
Recorded	01/19/24	
<b>RESIDUE AFTER EVAPORATION</b>	MAX 0.001%	<0.001%
Sample ID		
Tested	01/19/24	
Tester	TBUR	
Recorded	01/19/24	
<b>Lot #</b>	400201	
<b>Made</b>	01/02/24	

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**