



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

<b>Packaged Product:</b> 9089			
SULFURIC ACID 1.8 NORMAL W/0.004% MANGANESE SULFATE			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID	YES		
Tested 05/03/24			
Tester DTRA			
Recorded 05/03/24			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID	YES		
Tested 05/03/24			
Tester DTRA			
Recorded 05/03/24			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		05/03/2024
Sample ID	MM/DD/YYYY		
Tested 05/03/24			
Tester DTRA			
Recorded 05/03/24			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.0
Sample ID	DEG C		
Tested 05/03/24			
Tester DTRA			
Recorded 05/03/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		05/08/2024
Sample ID	MM/DD/YYYY		
Tested 05/03/24			
Tester DTRA			
Recorded 05/03/24			
<b>AMBIENT TEST TEMPERATURE DEG C</b>	20.0	15.0 - 30.0	21.0
Sample ID	DEG C		
Tested 05/03/24			
Tester DTRA			
Recorded 05/03/24			
<b>NORMALITY TO 4 DEC PLACES</b>	1.8000	1.7991 - 1.8009	1.8008
Sample ID	EQUIV/LITER		
Tested 05/03/24			
Tester DTRA			
Recorded 05/03/24			
<b>SUITABLE FOR TOC USE</b>	PASS		PASS
Sample ID	PASS		
Tested 05/03/24			
Tester DTRA			
Recorded 05/03/24			



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<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE	PASS
Sample ID		
Tested	05/03/24	
Tester	DTRA	
Recorded	05/03/24	
<b>INSTRUMENTS USED DURING PREPARATION</b>	<b>INSTRUMENT</b>	T-246,VF2-B4,M112,T-1000,BI D-00787
Sample ID		
Tested	05/03/24	
Tester	DTRA	
Recorded	05/03/24	
<b>Actual Density</b>	1.05455 GM/ML	1.05413 - 1.05497  1.05447
Sample ID		
Tested	05/03/24	
Tester	DTRA	
Recorded	05/03/24	
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY	05/30/25
Sample ID		
Tested	05/03/24	
Tester	DTRA	
Recorded	05/03/24	
<b>Lot #</b>	4050117	
<b>Made</b>	05/03/24	

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**