



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

<b>Packaged Product:</b> UC058F			
SULFURIC ACID 0.5 NORMAL			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 12/13/24			
Tester RIRO			
Recorded 12/13/24			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 12/13/24			
Tester RIRO			
Recorded 12/13/24			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		12/13/2024
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 12/13/24			
Tester RIRO			
Recorded 12/13/24			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	19.0
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 12/13/24			
Tester RIRO			
Recorded 12/13/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		12/13/2024
	MM/DD/YYYY		
Sample ID			
Tested 12/13/24			
Tester RIRO			
Recorded 12/13/24			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	19.0
<b>DEG C</b>	DEG C		
Sample ID			
Tested 12/13/24			
Tester RIRO			
Recorded 12/13/24			
<b>Actual Normality</b>	0.5000	0.4995 - 0.5005	0.4997
	EQ/L		
Sample ID			
Tested 12/13/24			
Tester RIRO			
Recorded 12/13/24			
<b>QCSP51:STANDARDIZATION</b>	YES		YES
<b>HYDROCHLORIC&amp;SULF</b>	QCSP51		
Sample ID			
Tested 12/13/24			
Tester RIRO			
Recorded 12/13/24			



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<b>N.I.S.T. Traceable to SRM 84</b>	YES YES	YES
Sample ID		
Tested	12/13/24	
Tester	RIRO	
Recorded	12/13/24	
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE	PASS
Sample ID		
Tested	12/13/24	
Tester	RIRO	
Recorded	12/13/24	
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	GC,VF5-L12,M55,P360
Sample ID		
Tested	12/13/24	
Tester	RIRO	
Recorded	12/13/24	
<b>Actual Density</b>	1.01447 G/ML	1.01430 - 1.01465 1.01432
Sample ID		
Tested	12/13/24	
Tester	RIRO	
Recorded	12/13/24	
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY	12/30/2025
Sample ID		
Tested	12/13/24	
Tester	RIRO	
Recorded	12/13/24	
<b>Lot #</b>	4112629	
<b>Made</b>	12/13/24	

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**