

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

<b>Packaged Product:</b> 230-04F			
SULFURIC ACID 0.02 NORMAL (N/50) AQUEOUS			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 05/04/23			
Tester MHUS			
Recorded 05/04/23			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 05/04/23			
Tester MHUS			
Recorded 05/04/23			
<b>Actual Normality</b>	0.0200 EQ/L	0.0195 - 0.0205	0.0199
Sample ID			
Tested 05/04/23			
Tester MHUS			
Recorded 05/04/23			
<b>QCSP5: STANDARDIZATION OF</b>	YES		YES
<b>AQUEOUS ACIDS</b>	METHOD		
Sample ID			
Tested 05/04/23			
Tester MHUS			
Recorded 05/04/23			
<b>Actual Density</b>	0.99904 GM/ML	0.99847 - 0.99961	0.99900
Sample ID			
Tested 05/04/23			
Tester MHUS			
Recorded 05/04/23			
<b>N.I.S.T. Traceable to SRM 723 THAM</b>	YES		YES
	YES		
Sample ID			
Tested 05/04/23			
Tester MHUS			
Recorded 05/04/23			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 05/04/23			
Tester MHUS			
Recorded 05/04/23			
<b>INSTRUMENTS USED DURING</b>	INSTRUMENT		GC,T26,M55
<b>PREPARATION</b>			
Sample ID			
Tested 05/04/23			
Tester MHUS			
Recorded 05/04/23			



Aqua Solutions, Inc.  
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Date: 05/04/23 at 7:39 AM

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**Customer PO # :**

<b>SHELF LIFE</b>	2 YEARS TIME	2 YEARS
Sample ID		
Tested	05/04/23	
Tester	MHUS	
Recorded	05/04/23	
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY	05/30/25
Sample ID		
Tested	05/04/23	
Tester	MHUS	
Recorded	05/04/23	
<b>Lot #</b>	3050347	
<b>Made</b>	05/04/23	

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**