



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

<b>Packaged Product:</b> SPX284F CERIC SULFATE 0.2 NORMAL IN 2 NORMAL SULFURIC ACID			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 07/11/23			
Tester MHUS			
Recorded 07/11/23			
<b>Actual Normality</b>	0.2000 EQ/L	0.1985 - 0.2015	0.2001
Sample ID			
Tested 07/11/23			
Tester MHUS			
Recorded 07/11/23			
<b>Actual Density</b>	1.13095 GM/ML	1.12805 - 1.13385	1.13228
Sample ID			
Tested 07/11/23			
Tester MHUS			
Recorded 07/11/23			
<b>QCSP19:STANDARDIZATION OF CERIC SULFATE</b>	YES QCSP19		YES
Sample ID			
Tested 07/11/23			
Tester MHUS			
Recorded 07/11/23			
<b>APPEARANCE AND COLOR</b>	CLEAR ORANGE LIQUID APPEARANCE		PASS
Sample ID			
Tested 07/11/23			
Tester MHUS			
Recorded 07/11/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M113,VF3-J21,T-4,M55,BID390 2
Sample ID			
Tested 07/11/23			
Tester MHUS			
Recorded 07/11/23			
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY		01/30/24
Sample ID			
Tested 07/11/23			
Tester MHUS			
Recorded 07/11/23			
<b>Lot #</b>	3071089		
<b>Made</b>	07/11/23		



Aqua Solutions, Inc.  
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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**