



**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 FILE</b>	YES		YES
Sample ID	YES		
Tested 06/20/23			
Tester DTRA			
Recorded 06/20/23			
<b>QCSP19:STANDARDIZATION OF CERIC SULFATE</b>	YES		YES
Sample ID	QCSP19		
Tested 06/20/23			
Tester DTRA			
Recorded 06/20/23			
<b>APPEARANCE AND COLOR</b>	CLEAR ORANGE LIQUID APPEARANCE		PASS
Sample ID			
Tested 06/20/23			
Tester DTRA			
Recorded 06/20/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M55,M103,GC,T165
Sample ID			
Tested 06/20/23			
Tester DTRA			
Recorded 06/20/23			
<b>Actual Normality</b>	0.2000 EQ/L	0.1985 - 0.2015	0.1993
Sample ID			
Tested 06/30/23			
Tester DTRA			
Recorded 06/30/23			
<b>Actual Density</b>	1.13095 GM/ML	1.12805 - 1.13385	1.13056
Sample ID			
Tested 06/30/23			
Tester DTRA			
Recorded 06/30/23			
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY		01/30/24
Sample ID			
Tested 06/30/23			
Tester DTRA			
Recorded 06/30/23			
<b>Lot #</b>	3061414		
<b>Made</b>	06/20/23		



Aqua Solutions, Inc.  
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Date: 06/30/23 at 7:45 AM

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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**