



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

Test	Target/UOM	Range	Result
<b>Packaged Product:</b> STA017F			
SILVER NITRATE 0.05 NORMAL IN IPA			
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 06/14/23			
Tester CCOA			
Recorded 06/14/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 06/14/23			
Tester CCOA			
Recorded 06/14/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		06/14/23
Sample ID			
Tested 06/14/23			
Tester CCOA			
Recorded 06/14/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0 DEG C	10.0 - 35.0	27.0
Sample ID			
Tested 06/14/23			
Tester CCOA			
Recorded 06/14/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY MM/DD/YYYY		06/14/23
Sample ID			
Tested 06/14/23			
Tester CCOA			
Recorded 06/14/23			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0 DEG C	15.0 - 30.0	23.0
Sample ID			
Tested 06/14/23			
Tester CCOA			
Recorded 06/14/23			
<b>Actual Normality</b>	0.0500 EQ/L	0.0495 - 0.0505	0.0500
Sample ID			
Tested 06/14/23			
Tester CCOA			
Recorded 06/14/23			
<b>QCSP1:STADARDIZATION OF SILVER NITRATE</b>	YES QCSP1		YES
Sample ID			
Tested 06/14/23			
Tester CCOA			
Recorded 06/14/23			



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<b>QCSP2:STANDARDIZATION OF SILVER NITRATE</b>	YES QCSP2		YES
Sample ID			
Tested	06/14/23		
Tester	CCOA		
Recorded	06/14/23		
<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES METHOD		YES
Sample ID			
Tested	06/14/23		
Tester	CCOA		
Recorded	06/14/23		
<b>N.I.S.T TRACEABLE TO SRM 919</b>	YES YES		YES
Sample ID			
Tested	06/14/23		
Tester	CCOA		
Recorded	06/14/23		
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested	06/14/23		
Tester	CCOA		
Recorded	06/14/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M112,EF6-C4,T-166
Sample ID			
Tested	06/14/23		
Tester	CCOA		
Recorded	06/14/23		
<b>SHELF LIFE OF PRODUCT</b>	1 YEAR TIME		1 YEAR
Sample ID			
Tested	06/14/23		
Tester	CCOA		
Recorded	06/14/23		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		06/30/24
Sample ID			
Tested	06/14/23		
Tester	CCOA		
Recorded	06/14/23		
<b>Actual Density</b>	0.80698 GM/ML	0.80591 - 0.80806	0.80774
Sample ID			
Tested	06/14/23		
Tester	CCOA		
Recorded	06/14/23		

**Lot #** 3060804  
**Made** 06/14/23



Aqua Solutions, Inc.  
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Date: 06/14/23 at 11:31 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**