



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

<b>Packaged Product:</b> STA017F			
SILVER NITRATE 0.05 NORMAL IN IPA			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 05/15/24			
Tester DTRA			
Recorded 05/15/24			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 05/15/24			
Tester DTRA			
Recorded 05/15/24			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		05/15/2024
Sample ID			
Tested 05/15/24			
Tester DTRA			
Recorded 05/15/24			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.0
Sample ID			
Tested 05/15/24			
Tester DTRA			
Recorded 05/15/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		05/15/2024
Sample ID			
Tested 05/15/24			
Tester DTRA			
Recorded 05/15/24			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0	15.0 - 30.0	21.0
Sample ID			
Tested 05/15/24			
Tester DTRA			
Recorded 05/15/24			
<b>Actual Normality</b>	0.0500	0.0495 - 0.0505	0.0501
	EQ/L		
Sample ID			
Tested 05/15/24			
Tester DTRA			
Recorded 05/15/24			
<b>QCSP1:STADARDIZATION OF SILVER NITRATE</b>	YES		YES
	QCSP1		
Sample ID			
Tested 05/15/24			
Tester DTRA			
Recorded 05/15/24			



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<b>QCSP2: STANDARDIZATION OF SILVER NITRATE</b>	YES QCSP2		YES
Sample ID			
Tested	05/15/24		
Tester	DTRA		
Recorded	05/15/24		
<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES METHOD		YES
Sample ID			
Tested	05/15/24		
Tester	DTRA		
Recorded	05/15/24		
<b>N.I.S.T TRACEABLE TO SRM 919</b>	YES YES		YES
Sample ID			
Tested	05/15/24		
Tester	DTRA		
Recorded	05/15/24		
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested	05/15/24		
Tester	DTRA		
Recorded	05/15/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M103,VF12-96,T13
Sample ID			
Tested	05/15/24		
Tester	DTRA		
Recorded	05/15/24		
<b>SHELF LIFE OF PRODUCT</b>	1 YEAR TIME		1 YEAR
Sample ID			
Tested	05/15/24		
Tester	DTRA		
Recorded	05/15/24		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		05/30/2025
Sample ID			
Tested	05/15/24		
Tester	DTRA		
Recorded	05/15/24		
<b>Actual Density</b>	0.80698 GM/ML	0.80591 - 0.80806	0.80710
Sample ID			
Tested	05/15/24		
Tester	DTRA		
Recorded	05/15/24		

**Lot #** 4051472  
**Made** 05/15/24



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**