



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

<b>Packaged Product:</b> 8430			
SILVER NITRATE 0.1 NORMAL NIST TRACEABLE SOLUTION			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 10/17/23			
Tester JENC			
Recorded 10/17/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 10/17/23			
Tester JENC			
Recorded 10/17/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		10/17/2023
Sample ID			
Tested 10/17/23			
Tester JENC			
Recorded 10/17/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.5
Sample ID			
Tested 10/17/23			
Tester JENC			
Recorded 10/17/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		10/17/2023
Sample ID			
Tested 10/17/23			
Tester JENC			
Recorded 10/17/23			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0	15.0 - 30.0	21.5
Sample ID			
Tested 10/17/23			
Tester JENC			
Recorded 10/17/23			
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.0998
	EQ/L		
Sample ID			
Tested 10/17/23			
Tester JENC			
Recorded 10/17/23			
<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES		YES
	METHOD		
Sample ID			
Tested 10/17/23			
Tester JENC			
Recorded 10/17/23			



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<b>Actual Density</b>	1.01229	1.00868 - 1.01590	1.01240
	GM/ML		
Sample ID			
Tested	10/17/23		
Tester	JENC		
Recorded	10/17/23		
<b>VERIFICATION BY QCSP78</b>	PASS		PASS
	PASS		
Sample ID			
Tested	10/17/23		
Tester	JENC		
Recorded	10/17/23		
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES		YES
	YES		
Sample ID			
Tested	10/17/23		
Tester	JENC		
Recorded	10/17/23		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested	10/17/23		
Tester	JENC		
Recorded	10/17/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M113,T261,M55,M91
Sample ID			
Tested	10/17/23		
Tester	JENC		
Recorded	10/17/23		
<b>EXPIRATION DATE</b>	MM/DD/YY		10/30/25
	MM/DD/YYYY		
Sample ID			
Tested	10/17/23		
Tester	JENC		
Recorded	10/17/23		
<b>NORMALITY USING AUTO-TITRATOR</b>	0.1000	0.0985 - 0.1015	0.0998
	EQUIV/LITER		
Sample ID			
Tested	10/17/23		
Tester	JENC		
Recorded	10/17/23		
<b>EXPIRATION DATE</b>	MM/DD/YY		10/30/25
	MM/DD/YYYY		
Sample ID			
Tested	10/17/23		
Tester	JENC		
Recorded	10/17/23		



Aqua Solutions, Inc.  
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**SHELF LIFE OF PRODUCT**

SHELF LIFE  
 TIME

2 YEARS

Sample ID  
 Tested 10/17/23  
 Tester JENC  
 Recorded 10/17/23

**Lot #** 3100502  
**Made** 10/17/23

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**