



**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 12/22/23			
Tester MHUS			
Recorded 12/22/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 12/22/23			
Tester MHUS			
Recorded 12/22/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		12/22/2023
Sample ID			
Tested 12/22/23			
Tester MHUS			
Recorded 12/22/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	22.0
Sample ID			
Tested 12/22/23			
Tester MHUS			
Recorded 12/22/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		12/22/2023
Sample ID			
Tested 12/22/23			
Tester MHUS			
Recorded 12/22/23			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0	15.0 - 30.0	22.0
Sample ID			
Tested 12/22/23			
Tester MHUS			
Recorded 12/22/23			
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.1000
	EQ/L		
Sample ID			
Tested 12/22/23			
Tester MHUS			
Recorded 12/22/23			
<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES		YES
	METHOD		
Sample ID			
Tested 12/22/23			
Tester MHUS			
Recorded 12/22/23			



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<b>Actual Density</b>	1.01229	1.00868 - 1.01590	1.01535
	GM/ML		
Sample ID			
Tested	12/22/23		
Tester	MHUS		
Recorded	12/22/23		
<b>VERIFICATION BY QCSP78</b>	PASS		PASS
	PASS		
Sample ID			
Tested	12/22/23		
Tester	MHUS		
Recorded	12/22/23		
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES		YES
	YES		
Sample ID			
Tested	12/22/23		
Tester	MHUS		
Recorded	12/22/23		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested	12/22/23		
Tester	MHUS		
Recorded	12/22/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M87,T-13,BID-AT#4,PID-M91
Sample ID			
Tested	12/22/23		
Tester	MHUS		
Recorded	12/22/23		
<b>EXPIRATION DATE</b>	MM/DD/YY		12/30/25
	MM/DD/YYYY		
Sample ID			
Tested	12/22/23		
Tester	MHUS		
Recorded	12/22/23		
<b>NORMALITY USING AUTO-TITRATOR</b>	0.1000	0.0985 - 0.1015	0.1000
	EQUIV/LITER		
Sample ID			
Tested	12/22/23		
Tester	MHUS		
Recorded	12/22/23		
<b>SHELF LIFE OF PRODUCT</b>	SHELF LIFE		2 YEARS
	TIME		
Sample ID			
Tested	12/22/23		
Tester	MHUS		
Recorded	12/22/23		

**Lot #** 3121524

**Made** 12/22/23



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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**