

**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</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 01/18/24			
Tester DTRA			
Recorded 01/18/24			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 01/18/24			
Tester DTRA			
Recorded 01/18/24			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		01/17/2024
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 01/18/24			
Tester DTRA			
Recorded 01/18/24			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	20.0
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 01/18/24			
Tester DTRA			
Recorded 01/18/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		01/17/2024
	MM/DD/YYYY		
Sample ID			
Tested 01/18/24			
Tester DTRA			
Recorded 01/18/24			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	20.0
<b>DEG C</b>	DEG C		
Sample ID			
Tested 01/18/24			
Tester DTRA			
Recorded 01/18/24			
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.1001
	EQ/L		
Sample ID			
Tested 01/18/24			
Tester DTRA			
Recorded 01/18/24			
<b>QCSP53: SILVER NITRATE STD ON</b>	YES		YES
<b>AUTO-TITRA</b>	METHOD		
Sample ID			
Tested 01/18/24			
Tester DTRA			
Recorded 01/18/24			

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<b>Actual Density</b>	1.01229 GM/ML	1.00868 - 1.01590	1.01249
Sample ID			
Tested	01/18/24		
Tester	DTRA		
Recorded	01/18/24		
<b>VERIFICATION BY QCSP78</b>	PASS PASS		PASS
Sample ID			
Tested	01/18/24		
Tester	DTRA		
Recorded	01/18/24		
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES YES		YES
Sample ID			
Tested	01/18/24		
Tester	DTRA		
Recorded	01/18/24		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested	01/18/24		
Tester	DTRA		
Recorded	01/18/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M114,T211,M55,TID53294
Sample ID			
Tested	01/18/24		
Tester	DTRA		
Recorded	01/18/24		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY		01/30/26
Sample ID			
Tested	01/18/24		
Tester	DTRA		
Recorded	01/18/24		
<b>NORMALITY USING AUTO-TITRATOR</b>	0.1000 EQUIV/LITER	0.0985 - 0.1015	0.1001
Sample ID			
Tested	01/18/24		
Tester	DTRA		
Recorded	01/18/24		
<b>SHELF LIFE OF PRODUCT</b>	SHELF LIFE TIME		2 YEARS
Sample ID			
Tested	01/18/24		
Tester	DTRA		
Recorded	01/18/24		
<b>Lot #</b>	4010960		
<b>Made</b>	01/18/24		



Aqua Solutions, Inc.  
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Page: 3

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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**