



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

<b>Packaged Product:</b> 8432			
SILVER NITRATE 0.141 NORMAL			
Test	Target/UOM	Range	Result
<b>Actual Normality</b>	0.1410 EQ/L	0.1405 - 0.1415	0.1408
Sample ID			
Tested 12/29/23			
Tester AFRE			
Recorded 12/29/23			
<b>+ Measurement Uncertainty</b>	0.0022 EQ/L	= 0.0022	0.0022
Sample ID			
Tested 12/29/23			
Tester AFRE			
Recorded 12/29/23			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 12/29/23			
Tester AFRE			
Recorded 12/29/23			
<b>QCSP53: SILVER NITRATE STD ON</b>	YES		YES
<b>AUTO-TITRA</b>	METHOD		
Sample ID			
Tested 12/29/23			
Tester AFRE			
Recorded 12/29/23			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		12/29/2023
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 12/29/23			
Tester AFRE			
Recorded 12/29/23			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	20.0
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 12/29/23			
Tester AFRE			
Recorded 12/29/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		12/29/2023
	MM/DD/YYYY		
Sample ID			
Tested 12/29/23			
Tester AFRE			
Recorded 12/29/23			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	20.0
<b>DEG C</b>	DEG C		
Sample ID			
Tested 12/29/23			
Tester AFRE			
Recorded 12/29/23			



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<b>PREPARED TO FORMULATION ON FILE</b>	YES YES		YES
Sample ID			
Tested	12/29/23		
Tester	AFRE		
Recorded	12/29/23		
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES YES		YES
Sample ID			
Tested	12/29/23		
Tester	AFRE		
Recorded	12/29/23		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested	12/29/23		
Tester	AFRE		
Recorded	12/29/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M112,T199,M55,M91,TID41086
Sample ID			
Tested	12/29/23		
Tester	AFRE		
Recorded	12/29/23		
<b>Actual Density</b>	1.01826 GM/ML	1.01792 - 1.01861	1.01816
Sample ID			
Tested	12/29/23		
Tester	AFRE		
Recorded	12/29/23		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		07/30/2025
Sample ID			
Tested	12/29/23		
Tester	AFRE		
Recorded	12/29/23		
<b>Lot #</b>	3122059		
<b>Made</b>	12/29/23		

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.



Aqua Solutions, Inc.  
Ph: 281-479-2569  
Fax: 281-479-2790  
P.O. Box 70  
Deer Park, TX 77536  
Website: [www.aquasolutions.org](http://www.aquasolutions.org)

Page: 3

Date: 12/29/23 at 1:52 PM

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Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

**Quality Manager**