



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

<b>Packaged Product:</b> 8387			
SILVER NITRATE 0.01 NORMAL			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 12/12/23			
Tester DTRA			
Recorded 12/12/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 12/12/23			
Tester DTRA			
Recorded 12/12/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		12/12/2023
Sample ID			
Tested 12/12/23			
Tester DTRA			
Recorded 12/12/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.0
Sample ID			
Tested 12/12/23			
Tester DTRA			
Recorded 12/12/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		12/12/2023
Sample ID			
Tested 12/12/23			
Tester DTRA			
Recorded 12/12/23			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0	15.0 - 30.0	21.0
Sample ID			
Tested 12/12/23			
Tester DTRA			
Recorded 12/12/23			
<b>Actual Normality</b>	0.0100	0.0099 - 0.0101	0.0100
Sample ID			
Tested 12/12/23			
Tester DTRA			
Recorded 12/12/23			
<b>+ - MEASUREMENT UNCERTAINTY</b>	0.0002	= 0.0002	0.0002
Sample ID			
Tested 12/12/23			
Tester DTRA			
Recorded 12/12/23			



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<b>N.I.S.T. Traceable to SRM 723 THAM</b>	YES		YES
	YES		
Sample ID			
Tested	12/12/23		
Tester	DTRA		
Recorded	12/12/23		
<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES		YES
	METHOD		
Sample ID			
Tested	12/12/23		
Tester	DTRA		
Recorded	12/12/23		
<b>QCSP54: STANDARDIZATION OF LOW NORMAL SN</b>	YES		YES
	QCSP54		
Sample ID			
Tested	12/12/23		
Tester	DTRA		
Recorded	12/12/23		
<b>QCSP78: CHLORIDE SQC METHOD TO VERIFY SN</b>	YES		YES
	QCSP78		
Sample ID			
Tested	12/12/23		
Tester	DTRA		
Recorded	12/12/23		
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES		YES
	YES		
Sample ID			
Tested	12/12/23		
Tester	DTRA		
Recorded	12/12/23		
<b>STANDARDIZED USING AN AUTO-TITRATOR</b>	YES		YES
	YES		
Sample ID			
Tested	12/12/23		
Tester	DTRA		
Recorded	12/12/23		
<b>Actual Density</b>	0.99966	0.99948 - 0.99984	0.99962
	GM/ML		
Sample ID			
Tested	12/12/23		
Tester	DTRA		
Recorded	12/12/23		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested	12/12/23		
Tester	DTRA		
Recorded	12/12/23		



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<b>INSTRUMENTS USED DURING PREPARATION</b>	<b>INSTRUMENT</b>	T56,M112,M56,TID53292
Sample ID		
Tested 12/12/23		
Tester DTRA		
Recorded 12/12/23		
<b>SHELF LIFE OF PRODUCT</b>	<b>SHELF LIFE TIME</b>	1 YEAR
Sample ID		
Tested 12/12/23		
Tester DTRA		
Recorded 12/12/23		
<b>EXPIRATION DATE</b>	<b>MM/DD/YYYY</b> <b>MM/DD/YYYY</b>	12/30/2024
Sample ID		
Tested 12/12/23		
Tester DTRA		
Recorded 12/12/23		
<b>Lot #</b> 3120708		
<b>Made</b> 12/12/23		

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**