



**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	YES		
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID	YES		
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		02/05/2024
Sample ID	MM/DD/YYYY		
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	22.0
Sample ID	DEG C		
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		02/05/2024
Sample ID	MM/DD/YYYY		
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>AMBIENT TEST TEMPERATURE DEG C</b>	20.0	15.0 - 30.0	22.0
Sample ID	DEG C		
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>Actual Normality</b>	0.0100	0.0099 - 0.0101	0.0099
Sample ID	EQ/L		
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>N.I.S.T. Traceable to SRM 723 THAM</b>	YES		YES
Sample ID	YES		
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			



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<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES METHOD		YES
Sample ID			
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>QCSP54:STANDARDIZATION OF LOW NORMAL SN</b>	YES QCSP54		YES
Sample ID			
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>QCSP78:CHLORIDE SQC METHOD TO VERIFY SN</b>	YES QCSP78		YES
Sample ID			
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES YES		YES
Sample ID			
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>STANDARDIZED USING AN AUTO-TITRATOR</b>	YES YES		YES
Sample ID			
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>Actual Density</b>	0.99966 GM/ML	0.99948 - 0.99984	0.99961
Sample ID			
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
Sample ID			
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M103,T-13,M55,M91
Sample ID			
Tested 02/05/24			
Tester MHUS			
Recorded 02/05/24			



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<b>SHELF LIFE OF PRODUCT</b>	<b>SHELF LIFE TIME</b>	<b>1 YEAR</b>
Sample ID		
Tested 02/05/24		
Tester MHUS		
Recorded 02/05/24		
<b>EXPIRATION DATE</b>	<b>MM/DD/YYYY</b>	<b>02/28/2025</b>
	<b>MM/DD/YYYY</b>	
Sample ID		
Tested 02/05/24		
Tester MHUS		
Recorded 02/05/24		
<b>Lot #</b> 4020106		
<b>Made</b> 02/05/24		

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**