



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

<b>Packaged Product:</b> ERL125F			
SILVER NITRATE 0.1 NORMAL IN ISOPROPANOL			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 09/20/24			
Tester DTRA			
Recorded 09/20/24			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 09/20/24			
Tester DTRA			
Recorded 09/20/24			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		10/01/2024
Sample ID			
Tested 09/20/24			
Tester DTRA			
Recorded 09/20/24			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	16.8
Sample ID			
Tested 09/20/24			
Tester DTRA			
Recorded 09/20/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		10/01/2024
Sample ID			
Tested 09/20/24			
Tester DTRA			
Recorded 09/20/24			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0	15.0 - 30.0	16.8
Sample ID			
Tested 09/20/24			
Tester DTRA			
Recorded 09/20/24			
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.1010
	EQ/L		
Sample ID			
Tested 09/20/24			
Tester DTRA			
Recorded 09/20/24			
<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES		YES
	METHOD		
Sample ID			
Tested 09/20/24			
Tester DTRA			
Recorded 09/20/24			



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<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES		YES
	YES		
Sample ID			
Tested	09/20/24		
Tester	DTRA		
Recorded	09/20/24		
<b>PREPARED TO ASTM D3227</b>	YES		YES
	YES		
Sample ID			
Tested	09/20/24		
Tester	DTRA		
Recorded	09/20/24		
<b>Actual Density</b>	0.82561	0.82176 - 0.82947	0.82624
	GM/ML		
Sample ID			
Tested	09/20/24		
Tester	DTRA		
Recorded	09/20/24		
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID		PASS
	APPEARANCE		
Sample ID			
Tested	09/20/24		
Tester	DTRA		
Recorded	09/20/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M55,P404,M52,TID53294
Sample ID			
Tested	09/20/24		
Tester	DTRA		
Recorded	09/20/24		
<b>LOT NUMBER OF ORIGINAL MATERIAL</b>	LOT #		4062808
Sample ID			
Tested	09/20/24		
Tester	DTRA		
Recorded	09/20/24		
<b>EXPIRATION DATE</b>	MM/DD/YY		10/01/24
	MM/DD/YYYY		
Sample ID			
Tested	09/20/24		
Tester	DTRA		
Recorded	09/20/24		
<b>SHELF LIFE OF PRODUCT</b>	1 WEEK		1WEEK
	TIME		
Sample ID			
Tested	09/20/24		
Tester	DTRA		
Recorded	09/20/24		

**Lot #** 4091608  
**Made** 09/20/24



Aqua Solutions, Inc.  
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Date: 09/20/24 at 11:59 AM

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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**