



**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	YES		
Tested 12/07/23			
Tester SHAR			
Recorded 12/07/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID	YES		
Tested 12/07/23			
Tester SHAR			
Recorded 12/07/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		12/07/2024
Sample ID	MM/DD/YYYY		
Tested 12/07/23			
Tester SHAR			
Recorded 12/07/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.0
Sample ID	DEG C		
Tested 12/07/23			
Tester SHAR			
Recorded 12/07/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		12/07/2024
Sample ID	MM/DD/YYYY		
Tested 12/07/23			
Tester SHAR			
Recorded 12/07/23			
<b>AMBIENT TEST TEMPERATURE DEG C</b>	20.0	15.0 - 30.0	21.0
Sample ID	DEG C		
Tested 12/07/23			
Tester SHAR			
Recorded 12/07/23			
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.1030
Sample ID	EQ/L		
Tested 12/07/23			
Tester SHAR			
Recorded 12/07/23			
<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES		YES
Sample ID	METHOD		
Tested 12/07/23			
Tester SHAR			
Recorded 12/07/23			



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<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES		YES
	YES		
Sample ID			
Tested	12/07/23		
Tester	SHAR		
Recorded	12/07/23		
<b>PREPARED TO ASTM D3227</b>	YES		YES
	YES		
Sample ID			
Tested	12/07/23		
Tester	SHAR		
Recorded	12/07/23		
<b>Actual Density</b>	0.82606	0.82377 - 0.82832	0.82697
	GM/ML		
Sample ID			
Tested	12/07/23		
Tester	SHAR		
Recorded	12/07/23		
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested	12/07/23		
Tester	SHAR		
Recorded	12/07/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		BID-#1,PID-83
Sample ID			
Tested	12/07/23		
Tester	SHAR		
Recorded	12/07/23		
<b>LOT NUMBER OF ORIGINAL MATERIAL</b>	LOT #		2041813
Sample ID			
Tested	12/07/23		
Tester	SHAR		
Recorded	12/07/23		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY		12/19/23
Sample ID			
Tested	12/07/23		
Tester	SHAR		
Recorded	12/07/23		
<b>SHELF LIFE OF PRODUCT</b>	1 WEEK TIME		1 WEEK
Sample ID			
Tested	12/07/23		
Tester	SHAR		
Recorded	12/07/23		

**Lot #** 3120409  
**Made** 12/07/23



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)

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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**