

**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</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		07/19/23
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	22.0
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		07/19/23
	MM/DD/YYYY		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	22.0
<b>DEG C</b>	DEG C		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.0996
	EQ/L		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>QCSP53: SILVER NITRATE STD ON</b>	YES		YES
<b>AUTO-TITRA</b>	METHOD		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			

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<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES		YES
	YES		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>PREPARED TO ASTM D3227</b>	YES		YES
	YES		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>Actual Density</b>	0.82606	0.82377 - 0.82832	0.82664
	GM/ML		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID		PASS
	APPEARANCE		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M55,BIDAT20ML,PIDP81
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>LOT NUMBER OF ORIGINAL MATERIAL</b>	LOT #		3031467
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>EXPIRATION DATE</b>	MM/DD/YY		08/01/23
	MM/DD/YYYY		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>SHELF LIFE OF PRODUCT</b>	1 WEEK		1 WEEK
	TIME		
Sample ID			
Tested 07/19/23			
Tester MHUS			
Recorded 07/19/23			
<b>Lot #</b>	3071713		
<b>Made</b>	07/19/23		



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)

Page: 3

Date: 07/19/23 at 1:26 PM

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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**