



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

<b>Packaged Product:</b> 8375			
SILVER NITRATE 0.01 NORMAL IN IPA (ASTM D3227-16)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 12/19/24			
Tester JRIO			
Recorded 12/19/24			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 12/19/24			
Tester JRIO			
Recorded 12/19/24			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		12/19/2024
Sample ID			
Tested 12/19/24			
Tester JRIO			
Recorded 12/19/24			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0 DEG C	10.0 - 35.0	20.0
Sample ID			
Tested 12/19/24			
Tester JRIO			
Recorded 12/19/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		12/19/2024
Sample ID			
Tested 12/19/24			
Tester JRIO			
Recorded 12/19/24			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0 DEG C	15.0 - 30.0	20.0
Sample ID			
Tested 12/19/24			
Tester JRIO			
Recorded 12/19/24			
<b>Actual Normality</b>	0.0100 EQ/L	0.0097 - 0.0103	0.0099
Sample ID			
Tested 12/19/24			
Tester JRIO			
Recorded 12/19/24			
<b>Actual Density</b>	0.79068 G/ML	0.78994 - 0.79142	0.79053
Sample ID			
Tested 12/19/24			
Tester JRIO			
Recorded 12/19/24			



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<b>QCSP54:STANDARDIZATION OF LOW NORMAL SN</b>	YES QCSP54	YES
Sample ID		
Tested 12/19/24		
Tester JRIO		
Recorded 12/19/24		
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES YES	YES
Sample ID		
Tested 12/19/24		
Tester JRIO		
Recorded 12/19/24		
<b>IPA TESTED FOR PEROXIDES</b>	PASSES YES	PASSES
Sample ID		
Tested 12/19/24		
Tester JRIO		
Recorded 12/19/24		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE	PASS
Sample ID		
Tested 12/19/24		
Tester JRIO		
Recorded 12/19/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	M112,GC,T-32A,M52,M91
Sample ID		
Tested 12/19/24		
Tester JRIO		
Recorded 12/19/24		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY	12/30/25
Sample ID		
Tested 12/19/24		
Tester JRIO		
Recorded 12/19/24		
<b>SHELF LIFE OF PRODUCT</b>	SHELF LIFE TIME	1 YEAR
Sample ID		
Tested 12/19/24		
Tester JRIO		
Recorded 12/19/24		

**Lot #** 4120364

**Made** 12/19/24



Aqua Solutions, Inc.  
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Deer Park, TX 77536  
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Date: 12/19/24 at 5:34 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**