



**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 07/31/23			
Tester CCOA			
Recorded 07/31/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 07/31/23			
Tester CCOA			
Recorded 07/31/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		07/31/23
Sample ID			
Tested 07/31/23			
Tester CCOA			
Recorded 07/31/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	34.3
Sample ID			
Tested 07/31/23			
Tester CCOA			
Recorded 07/31/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		07/31/23
Sample ID			
Tested 07/31/23			
Tester CCOA			
Recorded 07/31/23			
<b>AMBIENT TEST TEMPERATURE DEG C</b>	20.0	15.0 - 30.0	23.5
Sample ID			
Tested 07/31/23			
Tester CCOA			
Recorded 07/31/23			
<b>Actual Normality</b>	0.0100	0.0097 - 0.0103	0.0100
	EQ/L		
Sample ID			
Tested 07/31/23			
Tester CCOA			
Recorded 07/31/23			
<b>Actual Density</b>	0.79067	0.79000 - 0.79135	0.79035
	GM/ML		
Sample ID			
Tested 07/31/23			
Tester CCOA			
Recorded 07/31/23			



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<b>QCSP54:STANDARDIZATION OF LOW NORMAL SN</b>	YES QCSP54	YES
Sample ID		
Tested 07/31/23		
Tester CCOA		
Recorded 07/31/23		
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES YES	YES
Sample ID		
Tested 07/31/23		
Tester CCOA		
Recorded 07/31/23		
<b>IPA TESTED FOR PEROXIDES</b>	PASSES YES	PASS
Sample ID		
Tested 07/31/23		
Tester CCOA		
Recorded 07/31/23		
<b>APPEARANCE AND COLOR</b>	CLEAR WATER WHITE LIQUID APPEARANCE	PASS
Sample ID		
Tested 07/31/23		
Tester CCOA		
Recorded 07/31/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	M55,M91,T223,T163,M91,BID4, TID4108
Sample ID		
Tested 07/31/23		
Tester CCOA		
Recorded 07/31/23		
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY	08/30/24
Sample ID		
Tested 07/31/23		
Tester CCOA		
Recorded 07/31/23		
<b>SHELF LIFE OF PRODUCT</b>	SHELF LIFE TIME	1 YEAR
Sample ID		
Tested 07/31/23		
Tester CCOA		
Recorded 07/31/23		

**Lot #** 3072739

**Made** 07/31/23



Aqua Solutions, Inc.  
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Deer Park, TX 77536  
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Page: 3

Date: 07/31/23 at 4:17 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**