

**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</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		06/13/23
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	28.8
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		06/13/23
	MM/DD/YYYY		
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	22.7
<b>DEG C</b>	DEG C		
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>Actual Normality</b>	0.0100	0.0097 - 0.0103	0.0100
	EQ/L		
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>Actual Density</b>	0.79067	0.79000 - 0.79135	0.79067
	GM/ML		
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			

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<b>QCSP54:STANDARDIZATION OF LOW NORMAL SN</b>		YES	YES
QCSP54			
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>N.I.S.T. Traceable to SRM 919 NaCl</b>		YES	YES
YES			
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>IPA TESTED FOR PEROXIDES</b>		PASSES	PASS
YES			
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>APPEARANCE AND COLOR</b>		CLEAR WATER WHITE	PASS
		LIQUID	
		APPEARANCE	
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>		INSTRUMENT	M112,T-26,EF4-YN,M55,BIDAT 50ML
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>EXPIRATION DATE</b>		MM/DD/YY	06/30/24
		MM/DD/YYYY	
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>SHELF LIFE OF PRODUCT</b>		SHELF LIFE	1 YEAR
		TIME	
Sample ID			
Tested 06/13/23			
Tester MHUS			
Recorded 06/13/23			
<b>Lot #</b>		3060724	
<b>Made</b>		06/13/23	



Aqua Solutions, Inc.  
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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**