

**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 08/03/23			
Tester CCOA			
Recorded 08/03/23			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 08/03/23			
Tester CCOA			
Recorded 08/03/23			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		08/03/23
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 08/03/23			
Tester CCOA			
Recorded 08/03/23			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	23.2
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 08/03/23			
Tester CCOA			
Recorded 08/03/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		08/03/23
	MM/DD/YYYY		
Sample ID			
Tested 08/03/23			
Tester CCOA			
Recorded 08/03/23			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	23.2
<b>DEG C</b>	DEG C		
Sample ID			
Tested 08/03/23			
Tester CCOA			
Recorded 08/03/23			
<b>Actual Normality</b>	0.0100	0.0097 - 0.0103	0.0102
	EQ/L		
Sample ID			
Tested 08/03/23			
Tester CCOA			
Recorded 08/03/23			
<b>Actual Density</b>	0.79067	0.79000 - 0.79135	0.79016
	GM/ML		
Sample ID			
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Tester CCOA			
Recorded 08/03/23			

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**QCSP54:STANDARDIZATION OF  
LOW NORMAL SN**

YES  
QCSP54

YES

Sample ID  
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 Recorded 08/03/23

**N.I.S.T. Traceable to SRM 919 NaCl**

YES  
YES

YES

Sample ID  
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**IPA TESTED FOR PEROXIDES**

PASSES  
YES

PASS

Sample ID  
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**APPEARANCE AND COLOR**

CLEAR WATER WHITE  
 LIQUID  
 APPEARANCE

PASS

Sample ID  
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**INSTRUMENTS USED DURING  
PREPARATION**

INSTRUMENT

M55,M91,BID4,TID41086,VF6-  
W6,M91

Sample ID  
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 Recorded 08/03/23

**EXPIRATION DATE**

MM/DD/YY  
 MM/DD/YYYY

08/30/24

Sample ID  
 Tested 08/03/23  
 Tester CCOA  
 Recorded 08/03/23

**SHELF LIFE OF PRODUCT**

SHELF LIFE  
 TIME

1 YEAR

Sample ID  
 Tested 08/03/23  
 Tester CCOA  
 Recorded 08/03/23

**Lot #** 3080143

**Made** 08/03/23



Aqua Solutions, Inc.  
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Deer Park, TX 77536  
Website: [www.aquasolutions.org](http://www.aquasolutions.org)

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Date: 08/03/23 at 4:20 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**