

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

Packaged Product: 8387			
SILVER NITRATE 0.01 NORMAL			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 07/07/23			
Tester MHUS			
Recorded 07/07/23			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 07/07/23			
Tester MHUS			
Recorded 07/07/23			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		07/07/23
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 07/07/23			
Tester MHUS			
Recorded 07/07/23			
AMBIENT TEMPERATURE DURING	25.0	10.0 - 35.0	28.0
SAMPLING DEGC	DEG C		
Sample ID			
Tested 07/07/23			
Tester MHUS			
Recorded 07/07/23			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		07/07/23
	MM/DD/YYYY		
Sample ID			
Tested 07/07/23			
Tester MHUS			
Recorded 07/07/23			
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	21.4
DEG C	DEG C		
Sample ID			
Tested 07/07/23			
Tester MHUS			
Recorded 07/07/23			
Actual Normality	0.0100	0.0099 - 0.0101	0.0100
	EQ/L		
Sample ID			
Tested 07/07/23			
Tester MHUS			
Recorded 07/07/23			
+ - MEASUREMENT UNCERTAINTY	0.0002	= 0.0002	0.0002
	EQ/L		
Sample ID			
Tested 07/07/23			
Tester MHUS			
Recorded 07/07/23			

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**QCSP53: SILVER NITRATE STD ON
AUTO-TITRA**

YES
METHOD

YES

Sample ID
 Tested 07/07/23
 Tester MHUS
 Recorded 07/07/23

**QCSP54:STANDARDIZATION OF
LOW NORMAL SN**

YES
QCSP54

YES

Sample ID
 Tested 07/07/23
 Tester MHUS
 Recorded 07/07/23

**QCSP78:CHLORIDE SQC METHOD
TO VERIFY SN**

YES
QCSP78

YES

Sample ID
 Tested 07/07/23
 Tester MHUS
 Recorded 07/07/23

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

YES
YES

YES

Sample ID
 Tested 07/07/23
 Tester MHUS
 Recorded 07/07/23

**STANDARDIZED USING AN
AUTO-TITRATOR**

YES
YES

YES

Sample ID
 Tested 07/07/23
 Tester MHUS
 Recorded 07/07/23

Actual Density

0.99966
GM/ML

0.99948 - 0.99984

0.99977

Sample ID
 Tested 07/07/23
 Tester MHUS
 Recorded 07/07/23

APPEARANCE AND COLOR

CLEAR WATER WHITE
 LIQUID
 APPEARANCE

PASS

Sample ID
 Tested 07/07/23
 Tester MHUS
 Recorded 07/07/23

**INSTRUMENTS USED DURING
PREPARATION**

INSTRUMENT

M103,T-13,M55

Sample ID
 Tested 07/07/23
 Tester MHUS
 Recorded 07/07/23



Aqua Solutions, Inc.
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Date: 07/10/23 at 1:30 PM

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EXPIRATION DATE

MM/DD/YY
MM/DD/YYYY

07/30/24

Sample ID

Tested 07/07/23

Tester MHUS

Recorded 07/07/23

SHELF LIFE OF PRODUCT

SHELF LIFE
TIME

1 YEAR

Sample ID

Tested 07/07/23

Tester MHUS

Recorded 07/07/23

Lot # 3070617

Made 07/07/23

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