



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

**Packaged Product:** I7612-4L  
 ISOPROPYL ALCOHOL LAB GRADE 99%(4L plastic)  
  
**Lot #** 303822

**Chemical Product:** I7600  
 ISOPROPYL ALCOHOL REAGENT ACS

Test	Target/UOM	Range	Result
<b>ACETONE %</b>	<=0.002 %		<0.002%
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
<b>ASSAY OF MATERIAL</b>	>= 99.5% %		99.95%
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
<b>COLOR</b>	MAX 10 APHA PT-CO		<10 APHA
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
<b>SOLUBILITY</b>	PASSES TEST PASS		PASSES TEST
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
<b>WATER CONTENT</b>	MAX 0.2% %		0.043%
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
<b>RESIDUE AFTER EVAPORATION</b>	< = 0.001%		<0.0001%
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
<b>CARBONYL AS PROPRIONALDEHYDE%</b>	<= 0.002 WT%		<0.002%
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		



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<b>TITRABLE ACID</b>	MAX 0.0001 MEQ/G T ACID	0.00010 MEQ/G
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
<b>TITRABLE BASE</b>	MAX 0.0001 MEQ/G T BASE	<0.00001 MEQ/G
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
<b>MANUFACTURE DATE</b>	MM/DD/YY MM/DD/YYYY	01/13/2023
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
<b>RECOMMENDED RETEST DATE</b>	MM/DD/YYYY	01/2028
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
<b>Made</b>	02/07/23	

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**