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Date: 06/16/23 at 8:14 AM

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

Customer PO #:

Packaged Product: 17612-4L

ISOPROPYL ALCOHOL LAB GRADE 99% (4L plastic)

Lot # 314411

Chemical Product: 17600

ISOPROPYL ALCOHOL REAGENT ACS

Test		Target/UOM	Range	Result
ACETONE %		<=0.002	3 -	0.002%
		%		
Sample ID				
Tested	05/25/23			
Tester	TBUR			
Recorded	05/25/23			
ASSAY OF MATERIAL		>= 99.5%		99.9%
		%		
Sample ID				
Tested	05/25/23			
Tester	TBUR			
Recorded	05/25/23			
COLOR		MAX 10 APHA		5 APHA
		PT-CO		
Sample ID				
Tested	05/25/23			
Tester	TBUR			
Recorded	05/25/23			
SOLUBILITY		PASSES TEST		PASSES TEST
		PASS		
Sample ID				
Tested	05/25/23			
Tester	TBUR			
Recorded	05/25/23			
WATER CONTENT	33, 23, 20	MAX 0.2%		0.03%
		%		0.0070
Sample ID		,,		
Tested	05/25/23			
Tester	05/25/23 TBUR			
Recorded	05/25/23			
TITRABLE ACID	03/23/23	MAX 0.0001 MEQ/G		0.0001 MEQ/G
TITIADEL ACID		T ACID		0.0001 WEQ/G
Comple ID		IAOID		
Sample ID				
Tested	05/25/23			
Tester	TBUR			
Recorded	05/25/23	MAN 0 0004 MEQ (0		0.0004.145.070
TITRABLE BASE		MAX 0.0001 MEQ/G		0.0001 MEQ/G
0 1 15		T BASE		
Sample ID				
Tested	05/25/23			
Tester	TBUR 05/25/23			
Recorded				

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Customer PO #:

EXPIRATION DATE		MM/DD/YY	10/30/27
		MM/DD/YYYY	
Sample ID			
Tested	05/25/23		
Tester	TBUR		
Recorded	05/25/23		
SHELF LIFE OF PRODUCT		SHELF LIFE	5 YEARS
		TIME	
Sample ID			
Tested	05/25/23		
Tester	TBUR		
Recorded	05/25/23		
MANUFACTURE DATE		MM/DD/YY	10/22/22
		MM/DD/YYYY	
Sample ID			
Tested	05/25/23		
Tester	TBUR		
Recorded	05/25/23		
Made 05/24	/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

hichard Stol