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Date: 09/06/23 at 5:49 PM

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

Customer PO #:

		Cusic	omer PO # :	
Packaged Product:	4192			
-	HYDROCHL	ORIC ACID 0.5 NORMAL	IC ACID 0.5 NORMAL IN METHANOL	
Test		Target/UOM	Range	Result
PREPARED TO FORMUL	LATION ON	YES		YES
FILE		YES		
Sample ID				
Tested	09/06/23			
Tester	BPHI			
Recorded	09/06/23			
SAMPLE COLLECTION &	& HANDLING	YES		YES
PER LAB040		YES		
Sample ID				
Tested	09/06/23			
Tester	BPHI			
Recorded	09/06/23			
DATE OF SAMPLING FO		MM/DD/YYYY		09/06/2023
PURPOSES		MM/DD/YYYY		
Sample ID				
Tested	09/06/23			
Tester	BPHI			
Recorded	09/06/23			
AMBIENT TEMPERATUR		25.0	10.0 - 35.0	21.8
SAMPLING DEGC		DEG C		
Sample ID				
Tested	09/06/23			
Tester	BPHI			
Recorded	09/06/23			
DATE OF TESTING OF SAMPLE		MM/DD/YYYY		09/06/2023
5, 112 O. 120 III O O. O		MM/DD/YYYY		03/03/2020
Sample ID		101107,000,1111		
Tested	09/06/23			
Tester	BPHI			
Recorded	09/06/23			
Actual Normality	55/00/20	0.5000	0.4991 - 0.5009	0.5002
Actual Normality		EQ/L	0.1001 0.0000	0.0002
Sample ID		<u> </u>		
	09/06/23			
Tester	09/06/23 BPHI			
Recorded	09/06/23			
QCSP5: STANDARDIZAT		YES		YES
AQUEOUS ACIDS		METHOD		123
Sample ID		WETTOD		
Tested	09/06/23			
Tester	09/06/23 BPHI			
Recorded	09/06/23			
N.I.S.T. Traceable to SRI		YES		YES
iting. I. Haceable to SKI	/20 IIIAW	YES		125
Cample ID		123		
Sample ID	00/06/02			
Tested	09/06/23			
Tester	BPHI			
Recorded	09/06/23			

09/06/23

Made

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Customer PO #:

APPEARANCE AND COLOR		CLEAR LIQUID APPEARANCE		PASS		
Sample ID Tested Tester Recorded	09/06/23 BPHI 09/06/23					
INSTRUMENTS USED D	URING	INSTRUMENT		M55,GC,VF5-L12		
PREPARATION						
Sample ID Tested	09/06/23					
Tester	BPHI					
Recorded	09/06/23	0.04040	0.04400 0.04000	0.04000		
Actual Density		0.81619 GM/ML	0.81429 - 0.81809	0.81609		
Sample ID						
Tested	09/06/23					
Tester	BPHI					
Recorded	09/06/23					
EXPIRATION DATE		MM/DD/YY MM/DD/YYYY		03/30/24		
Sample ID						
Tested	09/06/23					
Tester	BPHI					
Recorded	09/06/23					
Lot # 3090126						

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