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Date: 07/24/23 at 5:06 PM

Aqua Solutions, Inc. 6913 Highway 225 Deer Park, TX, 77536 281/479-2569

Certificate of Analysis / QC Results

Customer PO #:

	04010	merro #.	
Packaged Product: 4145			
	ORIC ACID 0.178 NORMA		
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 07/24/23			
Tester JENC			
Recorded 07/24/23			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 07/24/23			
Tester JENC			
Recorded 07/24/23			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		07/24/23
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 07/24/23			
Tester JENC			
Recorded 07/24/23			
AMBIENT TEMPERATURE DURING	25.0	10.0 - 35.0	22.8
SAMPLING DEGC	DEG C		
Sample ID			
Tested 07/24/23			
Tester JENC			
Recorded 07/24/23			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		07/24/23
	MM/DD/YYYY		
Sample ID			
Tested 07/24/23			
Tester JENC			
Recorded 07/24/23			
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	22.8
DEG C	DEG C		
Sample ID			
Tested 07/24/23			
Tester JENC			
Recorded 07/24/23			
Actual Normality	0.1780	0.1775 - 0.1785	0.1778
-	EQ/L		
Sample ID			
Tested 07/24/23			
Tester JENC			
Recorded 07/24/23			
QCSP5: STANDARDIZATION OF	YES		YES
AQUEOUS ACIDS	METHOD		
Sample ID			
Tested 07/24/23			
Tester JENC			
Recorded 07/24/23			
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07/24/23

Made

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Customer PO #:

N.I.S.T. Traceable to SRM 72	THAM YES YES		YES
Tester JEN			
	24/23		PA 00
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 07/2	24/23		
Tester JEN	IC		
	24/23		
INSTRUMENTS USED DURI	NG INSTRUMENT		GC,VF5-E4,M55,BURET:02253
PREPARATION			
Sample ID			
	24/23		
Tester JEN			
	24/23		
Actual Density	1.00148 GM/ML	1.00128 - 1.00168	1.00163
Sample ID			
Tested 07/2	24/23		
Tester JEN			
	24/23		
EXPIRATION DATE	MM/DD/YYYY MM/DD/YYYY		01/30/25
Sample ID			
Tested 07/2	24/23		
Tester JEN			
Recorded 07/2	24/23		
Lot # 3072127			

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.

Thomas Zar

Quality Manager