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Date: 06/21/23 at 9:28 AM

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

Certificate of Analysis / QC Results

Customer PO #:

	Cus	stomer PO # :	
Packaged Product:	4190		
	HYDROCHLORIC ACID 0.5 NORMA	L NIST TRACEABLE SOLUTION	
Test	Target/UOM	Range	Result
Actual Normality	0.5000	0.4995 - 0.5005	0.5001
	EQ/L		
Sample ID			
	21/23		
Tester JEI			
	21/23		
Actual Normality	0.5000	0.4995 - 0.5005	0.5001
	EQ/L		
Sample ID			
	21/23		
Tester JEI			
	21/23		
QCSP5: STANDARDIZATION			YES
AQUEOUS ACIDS	METHOD		
Sample ID			
	21/23		
Tester JE			
	21/23		
I.I.S.T. Traceable to SRM 7	23 THAM YES YES		YES
Sample ID			
Tested 06/	21/23		
Tester JEI	NC		
Recorded 06/	21/23		
PREPARED TO FORMULAT	ION ON YES		YES
TILE	YES		
Sample ID			
Tested 06/	21/23		
Tester JEI	NC		
Recorded 06/	21/23		
SAMPLE COLLECTION & HA			YES
PER LAB040	YES		
Sample ID			
Tested 06/	21/23		
Tester JEI			
	21/23		
DATE OF SAMPLING FOR T			06/21/23
PURPOSES	MM/DD/YYYY		
Sample ID			
	21/23		
Tester JEI			
	21/23		
AMBIENT TEMPERATURE D		10.0 - 35.0	21.6
SAMPLING DEGC	DEG C		
Sample ID			
	21/23		
Tester JEI			
Recorded 06/	21/23		



06/21/23

Made

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Customer PO #:

DATE OF TESTING OF SAMPLE		MM/DD/YYYY MM/DD/YYYY		06/21/23
Sample ID)			
Tested	06/21/23			
Tester	JENC			
Recorded	06/21/23			
AMBIENT TEST TEMPERATURE		20.0	15.0 - 30.0	21.6
DEG C		DEG C		
Sample ID	1			
Tested	06/21/23			
Tester	JENC			
Recorded	06/21/23			
APPEARANCE AND COLOR		CLEAR LIQUID		PASS
		APPEARANCE		
Sample ID				
Tested	06/21/23			
Tester	JENC			
Recorded	06/21/23			
INSTRUMENTS USED	DURING	INSTRUMENT		T-32,GC,T-203,BID-02253,PID-
PREPARATION				M91
Sample ID)			
Tested	06/21/23			
Tester	JENC			
Recorded	06/21/23			
EXPIRATION DATE		MM/DD/YY		06/30/25
		MM/DD/YYYY		
Sample ID	1			
Tested	06/21/23			
Tester	JENC			
Recorded	06/21/23			
SHELF LIFE OF PRODUCT		2 YEARS		2 YEARS
		TIME		
Sample ID	1			
Tested	06/21/23			
Tester	JENC			
Recorded	06/21/23			
Lot # 3061				
LOI # 3001				

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.

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Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

Quality Manager