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Date: 12/28/23 at 11:17 AM

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

Certificate of Analysis / QC Results

Customer PO #:

				mer PO # :	
Package	ed Product:	1355			
	F	HYDROCHLOR	RIC ACID 2.0 NORMAL		
Test			Target/UOM	Range	Result
PREPARE	D TO FORMULATION	ON ON	YES		YES
FILE			YES		
	Sample ID				
	Tested 12/2	28/23			
	Tester JEN	IC			
	Recorded 12/2	28/23			
SAMPLE (COLLECTION & HA	NDLING	YES		YES
PER LAB040			YES		
	Sample ID				
	Tested 12/2	28/23			
	Tester JEN	IC			
	Recorded 12/2	28/23			
DATE OF SAMPLING FOR TEST		ST	MM/DD/YYYY		12/28/2023
PURPOSES			MM/DD/YYYY		
	Sample ID				
	•	28/23			
	Tester JEN	IC			
		28/23			
AMBIENT	TEMPERATURE DI	URING	25.0	10.0 - 35.0	21.7
SAMPLING	G DEGC		DEG C		
	Sample ID				
	•	28/23			
	Tester JEN				
	Recorded 12/2				
DATE OF TESTING OF SAMPLE		PLE	MM/DD/YYYY		12/28/2023
			MM/DD/YYYY		
	Sample ID				
		28/23			
	Tester JEN				
		28/23			
AMBIENT	TEST TEMPERATU		20.0	15.0 - 30.0	21.7
DEG C			DEG C		
	Sample ID				
	Tested 12/2	28/23			
	Tester JEN				
		28/23			
Actual No			2.0000	1.9990 - 2.0010	1.9992
	•		EQ/L		
	Sample ID				
		28/23			
	Tester JEN				
		28/23			
QCSP5: STANDARDIZATION OF		YES		YES	
AQUEOUS ACIDS			METHOD		
	Sample ID		-		
	•	28/23			
	Tester JEN				
		28/23			



Recorded 12/28/23

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

			omer PO # :	
	700 TILARA		5	VEO .
N.I.S.T. Traceable to SRM	723 IHAM	YES YES		YES
Sample ID		5		
	2/28/23			
	ENC			
	2/28/23			
CERTIFIED TOTAL ORGAI		1.0	0.0 - 4.0	3.1
CARBON (PPM)		PPM		
Sample ID				
	2/28/23			
	ENC			
	2/28/23			
APPEARANCE AND COLO		CLEAR LIQUID		PASS
		APPEARANCE		
Sample ID				
	2/28/23			
	ENC			
	2/28/23			
INSTRUMENTS USED DUI		INSTRUMENT		M25,T-246,BID-02259,PID-M91
PREPARATION				
Sample ID				
	2/28/23			
	ENC			
	2/28/23			
Actual Color, APHA		10	0 - 10	1
		COLOR		
Sample ID				
	2/28/23			
	ENC			
	2/28/23			
Prepared with 36.5-38% ACS HCL		YES		YES
·		YES		
Sample ID				
	2/28/23			
	ENC			
	2/28/23			
IDENTITY		PASS		PASS
		PASS		
Sample ID				
	2/28/23			
	ENC			
	2/28/23			
EXPIRATION DATE		MM/DD/YY		12/30/25
		MM/DD/YYYY		
Sample ID				
	2/28/23			
	ENC			
	-			

12/28/23

Made

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

Customer PO #:

SHELF LIFE OF PROD	UCT	SHELF LIFE TIME		2 YEARS
Sample ID				
Tested	12/28/23			
Tester	JENC			
Recorded	12/28/23			
SPECIFIC GRAVITY		1.035	1.030 - 1.040	1.035
		SPEC GRAV		
Sample ID				
Tested	12/28/23			
Tester	JENC			
Recorded	12/28/23			
Assay w/v HCL		7.29	6.12 - 7.48	7.29
		W/V%		
Sample ID				
Tested	12/28/23			
Tester	JENC			
Recorded	12/28/23			
EXPIRATION DATE		MM/DD/YYYY		12/30/2025
		MM/DD/YYYY		
Sample ID				
Tested	12/28/23			
Tester	JENC			
Recorded	12/28/23			
Actual Density		1.03295	1.03239 - 1.03351	1.03290
		GM/ML		
Sample ID				
Tested	12/28/23			
Tester	JENC			
Recorded	12/28/23			
Lot # 3122	140			
10/0				

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.

1100 anc 200

Quality Manager