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Date: 12/23/24 at 10:19 AM

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

## **Certificate of Analysis / QC Results**

Customer PO #:

			Cu	Stomer PO # :	
Package	ed Product:	4131			
		HYDROCHL	ORIC ACID 0.1 NORMA	AL IN IPA NIST TRACEABLE SOLUTI	ON
Test			Target/UOM	Range	Result
	D TO FORMULA	TION ON	YES	g	YES
FILE			YES		
	Sample ID				
	•	2/23/24			
		ENC			
		2/23/24			
SAMPLE (	COLLECTION & F		YES		YES
PER LAB040		YES			
	Sample ID				
	•	2/23/24			
		ENC			
		2/23/24			
DATE OF	SAMPLING FOR		MM/DD/YYYY		12/23/2024
PURPOSES		MM/DD/YYYY		,,,	
J 00L	Sample ID		(1111) DD, 1 1 1 1		
	•	2/23/24			
		ENC			
		2/23/24			
MDIENT	TEMPERATURE		25.0	10.0 - 35.0	20.2
SAMPLING	_	DONING	DEG C	10.0 - 55.0	20.2
AMPLING			DEG C		
	Sample ID	100/04			
		2/23/24			
		ENC			
		2/23/24	MANDRAGA		10/00/0004
DATE OF	TESTING OF SAM	APLE	MM/DD/YYYY MM/DD/YYYY		12/23/2024
	Sample ID		, 22,		
	•	2/23/24			
		ENC			
		2/23/24			
MRIENT	TEST TEMPERA		20.0	15.0 - 30.0	20.2
DEG C	TEOT TEMM ENA	. OIL	DEG C	10.0 00.0	20.2
	Sample ID		DLG 0		
	•	0/22/24			
		2/23/24 ENC			
		ENC 2/23/24			
Notual Na		2/23/24	0.1000	0.0995 - 0.1005	0.0999
Actual No	ninanty		0.1000 EQ/L	0.0993 - 0.1003	0.0333
	Sample ID		L <b>3</b> (, L		
	•	2/23/24			
		2/23/24 ENC			
		2/23/24			
QCSP5: STANDARDIZATION OF		YES		YES	
AQUEOUS		NA OF	METHOD		1 = 3
100E003			IVIL IT IOD		
	Sample ID	100104			
		2/23/24			
		ENC			
	Recorded 12	2/23/24			



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## Customer PO #:

Actual Density		0.79100 G/ML	0.79012 - 0.79188	0.79089			
Sample ID							
Tested	12/23/24						
Tester	JENC						
Recorded	12/23/24						
N.I.S.T. Traceable to SRM 723		YES		YES			
		YES					
Sample ID							
Tested	12/23/24						
Tester	JENC						
Recorded	12/23/24						
APPEARANCE AND COL	.OR	CLEAR LIQUID		PASS			
		APPEARANCE					
Sample ID							
Tested	12/23/24						
Tester	JENC						
Recorded	12/23/24						
INSTRUMENTS USED D		INSTRUMENT		GC,T146,M55,M91			
PREPARATION				, , ,			
Sample ID							
Tested	12/23/24						
Tester	JENC						
Recorded	12/23/24						
EXPIRATION DATE		MM/DD/YY		06/30/25			
		MM/DD/YYYY		337303			
Sample ID							
Tested	12/23/24						
Tester	JENC						
Recorded	12/23/24						
SHELF LIFE OF PRODUCT		6 MONTHS		6 MONTHS			
	<b>.</b>	TIME		·			
Sample ID							
Tested	12/23/24						
Tester	JENC						
Recorded	12/23/24						
Lot # 41205							
<b>Made</b> 12/23	/ 24						

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

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

**Quality Manager**