

Recorded 10/31/23

Page: 1

Date: 10/31/23 at 2:23 PM

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

Customer PO #:

Customer PO # :						
Packaged Product:	4355					
	HYDROCHI	ORIC ACID 2.0 NORMAL				
Test		Target/UOM	Range	Result		
PREPARED TO FORMU	LATION ON	YES		YES		
FILE		YES				
Sample ID						
Tested	10/31/23					
Tester	JENC					
Recorded	10/31/23					
SAMPLE COLLECTION	& HANDLING	YES		YES		
PER LAB040		YES				
Sample ID						
Tested	10/31/23					
Tester	JENC					
Recorded	10/31/23					
DATE OF SAMPLING FO		MM/DD/YYYY		10/31/2023		
PURPOSES	-	MM/DD/YYYY		·· ====		
Sample ID		······ = =· · · · ·				
Tested	10/31/23					
Tester	JENC					
Recorded	10/31/23					
AMBIENT TEMPERATUR		25.0	10.0 - 35.0	21.5		
SAMPLING DEGC	(L DOMINO	DEG C	10.0 00.0	21.0		
Sample ID		5200				
Tested	10/31/23					
Tester	JENC					
Recorded	10/31/23					
DATE OF TESTING OF S		MM/DD/YYYY		10/31/2023		
	AWIF LL	MM/DD/YYYY		10/0 1/2020		
Sample ID						
Tested	10/31/23					
Tester	JENC					
Recorded	10/31/23					
AMBIENT TEST TEMPERATURE		20.0	15.0 - 30.0	21.5		
DEG C		DEG C				
Sample ID						
Tested	10/31/23					
Tester	JENC					
Recorded	10/31/23					
Actual Normality		2.0000	1.9990 - 2.0010	1.9995		
		EQ/L				
Sample ID						
Tested	10/31/23					
Tester	JENC					
Recorded	10/31/23					
QCSP5: STANDARDIZAT	TION OF	YES		YES		
AQUEOUS ACIDS		METHOD				
Sample ID						
Tested	10/31/23					
Tester	JENC					
	10/01/00					



Page: 2

Date: 10/31/23 at 2:23 PM

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		Custo	omer PO # :	
N.I.S.T. Traceable to SRM 72	23 THAM	YES		YES
		YES		
Sample ID				
	/31/23			
Tester JEI				
	/31/23			
CERTIFIED TOTAL ORGANI	С	1.0	0.0 - 4.0	3.8
CARBON (PPM)		PPM		
Sample ID				
Tested 10/	/31/23			
Tester JEI	NC			
Recorded 10/	/31/23			
APPEARANCE AND COLOR	1	CLEAR LIQUID		PASS
		APPEARANCE		
Sample ID				
Tested 10/	/31/23			
Tester JEI				
	/31/23			
INSTRUMENTS USED DURI		INSTRUMENT		T169,T71,M55,M91,BID02259,
PREPARATION				TID41100
Sample ID				
	/31/23			
Tester JEI				
	/31/23			
Actual Color, APHA	01/20	10	0 - 10	9
Actual Golof, Al TIA		COLOR	0 10	ů .
Sample ID		OOLOIK		
	124 122			
	/31/23			
Tester JEI				
	/31/23	VEO		V/F0
Prepared with 36.5-38% ACS	SHCL	YES		YES
		YES		
Sample ID				
	/31/23			
Tester JEI				
	/31/23			
IDENTITY		PASS		PASS
		PASS		
Sample ID				
Tested 10/	/31/23			
Tester JEI	NC			
	/31/23			
EXPIRATION DATE		MM/DD/YY		11/30/25
		MM/DD/YYYY		
Sample ID				
-	/31/23			
Tester JEI				
	/31/23			
10/				

Page: 3

Date: 10/31/23 at 2:23 PM

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

Customer PO #:

SHELF LIFE OF PRODUCT		SHELF LIFE TIME		2 YEARS		
· ·	ple ID					
Teste						
Teste						
Reco	orded 10/31/23					
Actual Density		1.03295	1.03239 - 1.03351	1.03296		
		GM/ML				
· ·	ple ID					
Teste	ed 10/31/23					
Teste	er JENC					
Reco						
SPECIFIC GRAVI	TY	1.035	1.030 - 1.040	1.035		
		SPEC GRAV				
Sam	ple ID					
Teste	ed 10/31/23					
Teste	er JENC					
Reco	orded 10/31/23					
Assay w/v HCL		7.29	6.12 - 7.48	7.29		
		W/V%				
Sam	ple ID					
Teste						
Teste						
Reco						
EXPIRATION DAT	ΓE	MM/DD/YYYY		11/30/2025		
		MM/DD/YYYY				
Sam	ple ID					
Teste						
Teste						
Reco						
Lot # 3	3102633					
Made 10/31/23						

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.

MIMARY SERVE

Quality Manager