

Recorded 11/09/23

Page: 1

Date: 11/09/23 at 1:49 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:	4350				
-	HYDROCHLO	RIC ACID 1.0 NORMAL	N.I.S.T. TRACEABLE		
Test		Target/UOM	Range	Result	
PREPARED TO FORMULA	TION ON	YES		YES	
FILE		YES			
Sample ID					
	1/09/23				
	1HUS				
	1/09/23				
SAMPLE COLLECTION & I		YES		YES	
PER LAB040		YES			
Sample ID					
	1/09/23				
·	1HUS				
	1/09/23				
Actual Normality		1.0000	0.9995 - 1.0005	0.9996	
		EQ/L			
Sample ID		-# -			
· ·	1/09/23				
	1HUS				
	1/09/23				
+- Measurement Uncertain		0.0079	= 0.0079	0.0079	
		EQ/L			
Sample ID					
·	1/09/23				
	1HUS				
	1/09/23				
QCSP5: STANDARDIZATIO		YES		YES	
AQUEOUS ACIDS		METHOD			
Sample ID					
·	1/09/23				
·	1HUS				
	1/09/23				
Actual Density		1.01599	1.01513 - 1.01684	1.01590	
		GM/ML			
Sample ID					
·	1/09/23				
	1HUS				
	1/09/23				
N.I.S.T. Traceable to SRM		YES		YES	
		YES			
Sample ID					
	1/09/23				
	1HUS				
	1/09/23				
CERTIFIED TOTAL ORGAN		1.0	0.0 - 3.0	0.9	
CARBON (PPM)		PPM			
Sample ID					
	1/09/23				
	1HUS				
	1/00/23				

Page: 2

Date: 11/09/23 at 1:49 PM

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

Customer PO #:

APPEARANCE A	ND COLOR	CLEAR LIQUID APPEARANCE	PASS
Test Test	,		
COLOR		<10 PT-CO	<10
Sam	nple ID	11-00	
Test	•		
Test			
Rec	orded 11/09/23		
INSTRUMENTS (USED DURING	INSTRUMENT	M55,M109,M44,GC,T222
PREPARATION			
Sam	nple ID		
Test	ted 11/09/23		
Test	ter MHUS		
	orded 11/09/23		
EXPIRATION DATE		MM/DD/YY	11/30/25
		MM/DD/YYYY	
	nple ID		
Test	, 00, 20		
Test			
	orded 11/09/23	0.751.50	0.751.70
SHELF LIFE OF	PRODUCT	2 YEARS TIME	2 YEARS
Sam	nple ID		
Test	ted 11/09/23		
Test			
	orded 11/09/23		
Lot#	3110740		
	11/09/23		

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.

Quality Manager