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Date: 12/20/23 at 8:34 AM

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

Certificate of Analysis / QC Results

Customer PO #:

Packaged Product: 4112 HYDROCHLORIC ACID 0.02 NORMAL IN METHANOL				
Гest	Target/UOM	Range	Result	
ctual Normality	0.0200	0.0195 - 0.0205	0.0196	
	EQ/L			
Sample ID				
Tested 12/	20/23			
Tester SH	AR			
	20/23			
SAMPLE COLLECTION & HA			YES	
PER LAB040	YES			
Sample ID				
Tested 12/	20/23			
Tester SH	AR			
Recorded 12/	20/23			
ATE OF SAMPLING FOR T	EST MM/DD/YYYY		12/20/2023	
PURPOSES	MM/DD/YYYY			
Sample ID				
· ·	20/23			
Tester SH				
	20/23			
MBIENT TEMPERATURE D	URING 25.0	10.0 - 35.0	21.0	
AMPLING DEGC	DEG C			
Sample ID				
	20/23			
Tester SH				
	20/23			
ATE OF TESTING OF SAM			12/20/2023	
	MM/DD/YYYY			
Sample ID				
·	20/23			
Tester SH				
	20/23			
MBIENT TEST TEMPERAT		10.0 - 30.0	21.0	
DEG C	DEG C	33.3		
Sample ID	223 0			
•	20/23			
Tester SH				
	20/23			
CSP5: STANDARDIZATION			YES	
QUEOUS ACIDS	METHOD		120	
Sample ID	WEITIOD			
•	20/23			
	20/23 AB			
	20/23			
Hecorded 12/			YES	
I.I.J. I. ITACEADIE IU SKIVI /	YES		150	
0	159			
Sample ID	200,000			
	20/23			
Tester SH				
Recorded 12/	20/23			



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Customer PO #:

PREPARED TO FORMULATION ON FILE	YES YES		YES		
Sample ID					
Tested 12/20/23					
Tester SHAR					
Recorded 12/20/23					
APPEARANCE AND COLOR	CLEAR LIQUID		PASS		
APPEARANCE AND COLOR			PASS		
	APPEARANCE				
Sample ID					
Tested 12/20/23					
Tester SHAR					
Recorded 12/20/23					
INSTRUMENTS USED DURING	INSTRUMENT		M91,VF2-B18,02699,PID-M81		
PREPARATION					
Sample ID					
Tested 12/20/23					
Tester SHAR					
Recorded 12/20/23					
	MM/DD/YY		03/30/24		
EXPIRATION DATE			03/30/24		
	MM/DD/YYYY				
Sample ID					
Tested 12/20/23					
Tester SHAR					
Recorded 12/20/23					
SHELF LIFE OF PRODUCT	3 MONTHS		3 MONTHS		
	TIME				
Sample ID					
Tested 12/20/23					
Tester SHAR					
Recorded 12/20/23					
	0.79274	0.79215 - 0.79334	0.79280		
Actual Density		0.79215 - 0.79334	0.79260		
	GM/ML				
Sample ID					
Tested 12/20/23					
Tester SHAR					
Recorded 12/20/23					
Lot # 3121517					
Made 12/20/23					

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.

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

Quality Manager