



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

Test	Target/UOM	Range	Result
Packaged Product: UC018F			
	HYDROCHLORIC ACID 0.5 NORMAL (STANDARDIZED)		
PREPARED TO FORMULATION ON FILE	YES		YES
Sample ID			
Tested 11/19/24			
Tester ENOR			
Recorded 11/19/24			
SAMPLE COLLECTION & HANDLING PER LAB040	YES		YES
Sample ID			
Tested 11/19/24			
Tester ENOR			
Recorded 11/19/24			
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY		11/19/2024
Sample ID			
Tested 11/19/24			
Tester ENOR			
Recorded 11/19/24			
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	20.1
Sample ID			
Tested 11/19/24			
Tester ENOR			
Recorded 11/19/24			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY		11/19/2024
Sample ID			
Tested 11/19/24			
Tester ENOR			
Recorded 11/19/24			
AMBIENT TEST TEMPERATURE DEG C	20.0 DEG C	15.0 - 30.0	20.0
Sample ID			
Tested 11/19/24			
Tester ENOR			
Recorded 11/19/24			
Actual Normality	0.5000 EQ/L	0.4995 - 0.5005	0.5003
Sample ID			
Tested 11/19/24			
Tester ENOR			
Recorded 11/19/24			
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 11/19/24			
Tester ENOR			
Recorded 11/19/24			



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INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	GC, VF5-L14, BID-08446, PID-36
Sample ID		3
Tested 11/19/24		
Tester ENOR		
Recorded 11/19/24		
Actual Density	1.00715 G/ML	1.00674 - 1.00756 1.00720
Sample ID		
Tested 11/19/24		
Tester ENOR		
Recorded 11/19/24		
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	05/30/25
Sample ID		
Tested 11/19/24		
Tester ENOR		
Recorded 11/19/24		
Lot # 4111151		
Made 11/15/24		

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.

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



Quality Manager