



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

Packaged Product: ERL110F HYDROCHLORIC ACID 0.1 NORMAL			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 05/03/23			
Tester CCOA			
Recorded 05/03/23			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 05/03/23			
Tester CCOA			
Recorded 05/03/23			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		05/03/23
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 05/03/23			
Tester CCOA			
Recorded 05/03/23			
AMBIENT TEMPERATURE DURING	25.0	10.0 - 35.0	20.9
SAMPLING DEGC	DEG C		
Sample ID			
Tested 05/03/23			
Tester CCOA			
Recorded 05/03/23			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		05/03/23
	MM/DD/YYYY		
Sample ID			
Tested 05/03/23			
Tester CCOA			
Recorded 05/03/23			
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	20.9
DEG C	DEG C		
Sample ID			
Tested 05/03/23			
Tester CCOA			
Recorded 05/03/23			
Actual Normality	0.1000	0.0995 - 0.1005	0.1000
	EQ/L		
Sample ID			
Tested 05/03/23			
Tester CCOA			
Recorded 05/03/23			
QCSP5: STANDARDIZATION OF	YES		YES
AQUEOUS ACIDS	METHOD		
Sample ID			
Tested 05/03/23			
Tester CCOA			
Recorded 05/03/23			

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N.I.S.T. Traceable to SRM 723 THAM

YES

YES

YES

Sample ID

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Tester CCOA

Recorded 05/03/23

Actual Density

1.00007

0.99992 - 1.00021

0.99998

GM/ML

Sample ID

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Tester CCOA

Recorded 05/03/23

APPEARANCE AND COLOR

CLEAR LIQUID

PASS

APPEARANCE

Sample ID

Tested 05/03/23

Tester CCOA

Recorded 05/03/23

INSTRUMENTS USED DURING PREPARATION

INSTRUMENT

BID-00488,PID-M91

Sample ID

Tested 05/03/23

Tester CCOA

Recorded 05/03/23

EXPIRATION DATE

MM/DD/YYYY

06/15/23

MM/DD/YYYY

Sample ID

Tested 05/03/23

Tester CCOA

Recorded 05/03/23

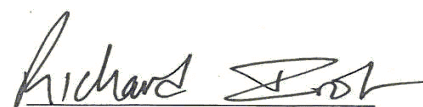
Lot # 3041019

Made 05/03/23

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