



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

Packaged Product: PR017F Hydrochloric acid 0.1 Normal Pheno-EP			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 03/04/25			
Tester JENC			
Recorded 03/04/25			
NORMALITY TO 4 DEC PLACES	0.1000 EQUIV/LITER	0.0995 - 0.1005	0.1002
Sample ID			
Tested 03/04/25			
Tester JENC			
Recorded 03/04/25			
Measurement Uncertainty	0.0008 EQ/L		0.0008
Sample ID			
Tested 03/04/25			
Tester JENC			
Recorded 03/04/25			
QCSP5: STANDARDIZATION OF AQUEOUS ACIDS	YES METHOD		YES
Sample ID			
Tested 03/04/25			
Tester JENC			
Recorded 03/04/25			
N.I.S.T. Traceable to SRM 723	YES YES		YES
Sample ID			
Tested 03/04/25			
Tester JENC			
Recorded 03/04/25			
STANDARDIZED TO A PHENOLPHTHALEIN EP	YES YES		YES
Sample ID			
Tested 03/04/25			
Tester JENC			
Recorded 03/04/25			
Actual Density	1.00005 G/ML	1.00000 - 1.00010	1.00014
Sample ID			
Tested 03/04/25			
Tester JENC			
Recorded 03/04/25			
SAMPLE COLLECTION & HANDLING PER LAB040	YES YES		YES
Sample ID			
Tested 03/04/25			
Tester JENC			
Recorded 03/04/25			

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DATE OF SAMPLING FOR TEST	MM/DD/YYYY	03/04/2025
PURPOSES	MM/DD/YYYY	
Sample ID		
Tested 03/04/25		
Tester JENC		
Recorded 03/04/25		
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0 20.0
Sample ID		
Tested 03/04/25		
Tester JENC		
Recorded 03/04/25		
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY	03/04/2025
Sample ID		
Tested 03/04/25		
Tester JENC		
Recorded 03/04/25		
AMBIENT TEST TEMPERATURE DEG C	20.0 DEG C	15.0 - 30.0 20.0
Sample ID		
Tested 03/04/25		
Tester JENC		
Recorded 03/04/25		
Additions, Deviations or Exclusions	NONE CHARACTER	NONE
Sample ID		
Tested 03/04/25		
Tester JENC		
Recorded 03/04/25		
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE	PASS
Sample ID		
Tested 03/04/25		
Tester JENC		
Recorded 03/04/25		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	GC,T-101A,M55,BID06419,PID P-33
Sample ID		
Tested 03/04/25		
Tester JENC		
Recorded 03/04/25		
EXPIRATION DATE	MM/DD/YYYY MM/DD/YYYY	03/30/2027
Sample ID		
Tested 03/04/25		
Tester JENC		
Recorded 03/04/25		



Aqua Solutions, Inc.
Ph: 281-479-2569
Fax: 281-479-2790
P.O. Box 70
Deer Park, TX 77536
Website: www.aquasolutions.org

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Date: 03/05/25 at 5:55 PM

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SHELF LIFE OF PRODUCT

2 YEARS
TIME

2 YEARS

Sample ID

Tested 03/04/25

Tester JENC

Recorded 03/04/25

Lot # 5022842

Made 03/04/25

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