

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

Packaged Product: SPE194F HYDROCHLORIC ACID 0.01 NORMAL IN IPA			
Test	Target/UOM	Range	Result
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 02/04/25			
Tester LWIL			
Recorded 02/04/25			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		02/04/2025
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 02/04/25			
Tester LWIL			
Recorded 02/04/25			
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	20.4
Sample ID			
Tested 02/04/25			
Tester LWIL			
Recorded 02/04/25			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY		02/04/2025
Sample ID			
Tested 02/04/25			
Tester LWIL			
Recorded 02/04/25			
AMBIENT TEST TEMPERATURE DEGC	20.0 DEG C	15.0 - 30.0	20.4
Sample ID			
Tested 02/04/25			
Tester LWIL			
Recorded 02/04/25			
Actual Normality	0.0100 EQ/L	0.0095 - 0.0105	0.0101
Sample ID			
Tested 02/04/25			
Tester LWIL			
Recorded 02/04/25			
N.I.S.T. Traceable to SRM 723 THAM	YES YES		YES
Sample ID			
Tested 02/04/25			
Tester LWIL			
Recorded 02/04/25			
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 02/04/25			
Tester LWIL			
Recorded 02/04/25			

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INSTRUMENTS USED DURING PREPARATION		INSTRUMENT	VF4-N27,M55,BURET02699,M91,TI41124
Sample ID			
Tested	02/04/25		
Tester	LWIL		
Recorded	02/04/25		
QCSP5: STANDARDIZATION OF AQUEOUS ACIDS		YES METHOD	YES
Sample ID			
Tested	02/04/25		
Tester	LWIL		
Recorded	02/04/25		
EXPIRATION DATE		MM/DD/YYYY MM/DD/YYYY	08/30/2025
Sample ID			
Tested	02/04/25		
Tester	LWIL		
Recorded	02/04/25		
Lot #	5012892		
Made	02/04/25		

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