



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: 4355			
	HYDROCHLORIC ACID 2.0 NORMAL		
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 10/09/21			
Tester HSID			
Recorded 10/09/21			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 10/09/21			
Tester HSID			
Recorded 10/09/21			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		10/09/21
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 10/09/21			
Tester HSID			
Recorded 10/09/21			
AMBIENT TEMPERATURE DURING	25.0	10.0 - 35.0	27.1
SAMPLING DEGC	DEG C		
Sample ID			
Tested 10/09/21			
Tester HSID			
Recorded 10/09/21			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		10/09/21
	MM/DD/YYYY		
Sample ID			
Tested 10/09/21			
Tester HSID			
Recorded 10/09/21			
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	21.7
DEG C	DEG C		
Sample ID			
Tested 10/09/21			
Tester HSID			
Recorded 10/09/21			
Actual Normality	2.0000	1.9990 - 2.0010	1.9998
	EQ/L		
Sample ID			
Tested 10/09/21			
Tester HSID			
Recorded 10/09/21			
QCSP5: STANDARDIZATION OF	YES		YES
AQUEOUS ACIDS	METHOD		
Sample ID			
Tested 10/09/21			
Tester HSID			
Recorded 10/09/21			



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N.I.S.T. Traceable to SRM 723	YES		YES
	YES		
Sample ID			
Tested	10/09/21		
Tester	HSID		
Recorded	10/09/21		
CERTIFIED TOTAL ORGANIC CARBON (PPM)	1.0	0.0 - 4.0	0.4
	PPM		
Sample ID			
Tested	10/09/21		
Tester	HSID		
Recorded	10/09/21		
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested	10/09/21		
Tester	HSID		
Recorded	10/09/21		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M101,(O)T-209,M55,BID00787, PIDM891
Sample ID			
Tested	10/09/21		
Tester	HSID		
Recorded	10/09/21		
Actual Color, APHA	10	0 - 10	0
	COLOR		
Sample ID			
Tested	10/09/21		
Tester	HSID		
Recorded	10/09/21		
EXPIRATION DATE	MM/DD/YY		10/30/23
	MM/DD/YYYY		
Sample ID			
Tested	10/09/21		
Tester	HSID		
Recorded	10/09/21		
SHELF LIFE OF PRODUCT	SHELF LIFE TIME		2 YEARS
Sample ID			
Tested	10/09/21		
Tester	HSID		
Recorded	10/09/21		
Actual Density	1.03295	1.03239 - 1.03351	1.03293
	GM/ML		
Sample ID			
Tested	10/09/21		
Tester	HSID		
Recorded	10/09/21		

Lot # 1100529

Made 10/09/21



Aqua Solutions, Inc.
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Deer Park, TX 77536
Website: www.aquasolutions.org

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Date: 10/09/21 at 1:34 PM

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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