



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

Packaged Product: 4356			
HYDROCHLORIC ACID 2.5 NORMAL			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
Sample ID			
Tested 09/13/24			
Tester RIRO			
Recorded 09/13/24			
SAMPLE COLLECTION & HANDLING PER LAB040	YES		YES
Sample ID			
Tested 09/13/24			
Tester RIRO			
Recorded 09/13/24			
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY		09/13/2024
Sample ID			
Tested 09/13/24			
Tester RIRO			
Recorded 09/13/24			
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	28.0
Sample ID			
Tested 09/13/24			
Tester RIRO			
Recorded 09/13/24			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY		09/13/2024
Sample ID			
Tested 09/13/24			
Tester RIRO			
Recorded 09/13/24			
AMBIENT TEST TEMPERATURE DEGC	20.0 DEG C	15.0 - 30.0	18.0
Sample ID			
Tested 09/13/24			
Tester RIRO			
Recorded 09/13/24			
NORMALITY TO 4 DEC PLACES	2.5000 EQUIV/LITER	2.4980 - 2.5020	2.4997
Sample ID			
Tested 09/13/24			
Tester RIRO			
Recorded 09/13/24			
N.I.S.T. Traceable to SRM 723 THAM	YES YES		YES
Sample ID			
Tested 09/13/24			
Tester RIRO			
Recorded 09/13/24			



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Actual Density	1.04119 GM/ML	1.04086 - 1.04152	1.04121
Sample ID			
Tested	09/13/24		
Tester	RIRO		
Recorded	09/13/24		
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested	09/13/24		
Tester	RIRO		
Recorded	09/13/24		
QCSP60: STANDARDIZATION OF ACIDS AGAINST	YES QCSP60		YES
Sample ID			
Tested	09/13/24		
Tester	RIRO		
Recorded	09/13/24		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M113,T22,M55
Sample ID			
Tested	09/13/24		
Tester	RIRO		
Recorded	09/13/24		
EXPIRATION DATE	MM/DD/YYYY MM/DD/YYYY		09/30/2026
Sample ID			
Tested	09/13/24		
Tester	RIRO		
Recorded	09/13/24		
Lot #	4091001		
Made	09/13/24		

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