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Aqua Solutions, Inc.
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Deer Park, TX, 77536
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Certificate of Analysis / QC Results

Customer: DEP040 / SCI (SCIENTIFIC CONSUMABLES&INSTRU)

Packaged Product: 4115-1L
 HYDROCHLORIC ACID 0.05 NORMAL (1L)

Lot # 2083051

Chemical Product: 4115
 HYDROCHLORIC ACID 0.05 NORMAL

Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
SAMPLE COLLECTION & HANDLING PER LAB040	YES		YES
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY		09/21/22
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	21.9
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY		09/21/22
AMBIENT TEST TEMPERATURE DEGC	20.0 DEG C	15.0 - 30.0	21.9
Actual Normality	0.0500 EQ/L	0.0495 - 0.0505	0.0498
QCSP5: STANDARDIZATION OF AQUEOUS ACIDS	YES METHOD		YES
N.I.S.T. Traceable to SRM 723 THAM	YES YES		YES
Actual Density	0.99916 GM/ML	0.99898 - 0.99935	0.99913
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M100,(I)T-28,M55,BID3902,PID M91
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY		03/30/24

Made 09/21/22

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.

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