



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

<b>Packaged Product:</b> 4099			
Hydrochloric Acid 0.025 Normal NIST Traceable solution			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 06/19/23			
Tester RIRO			
Recorded 06/19/23			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 06/19/23			
Tester RIRO			
Recorded 06/19/23			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		06/16/23
Sample ID			
Tested 06/19/23			
Tester RIRO			
Recorded 06/19/23			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0 DEG C	10.0 - 35.0	30.0
Sample ID			
Tested 06/19/23			
Tester RIRO			
Recorded 06/19/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY MM/DD/YYYY		06/16/23
Sample ID			
Tested 06/19/23			
Tester RIRO			
Recorded 06/19/23			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0 DEG C	15.0 - 30.0	22.0
Sample ID			
Tested 06/19/23			
Tester RIRO			
Recorded 06/19/23			
<b>NORMALITY TO 4 DEC PLACES</b>	0.0250 EQUIV/LITER	0.0245 - 0.0255	0.0248
Sample ID			
Tested 06/19/23			
Tester RIRO			
Recorded 06/19/23			
<b>QCSP5: STANDARDIZATION OF AQUEOUS ACIDS</b>	YES METHOD		YES
Sample ID			
Tested 06/19/23			
Tester RIRO			
Recorded 06/19/23			



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**N.I.S.T. TRACEABLE TO SRM 723**

YES YES  
 YES

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**APPEARANCE AND COLOR**

CLEAR LIQUID APPEARANCE PASS

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**INSTRUMENTS USED DURING PREPARATION**

INSTRUMENT GC,T-172,M55

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**Lot #** 3061572

**Made** 06/19/23

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**