

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

<b>Packaged Product:</b> DC280F HYDROCHLORIC ACID 1.0 NORMAL IN METHANOL			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 04/26/23			
Tester DTRA			
Recorded 04/26/23			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 04/26/23			
Tester DTRA			
Recorded 04/26/23			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		04/26/23
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 04/26/23			
Tester DTRA			
Recorded 04/26/23			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	20.0
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 04/26/23			
Tester DTRA			
Recorded 04/26/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		04/26/23
	MM/DD/YYYY		
Sample ID			
Tested 04/26/23			
Tester DTRA			
Recorded 04/26/23			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	20.0
<b>DEG C</b>	DEG C		
Sample ID			
Tested 04/26/23			
Tester DTRA			
Recorded 04/26/23			
<b>Actual Normality</b>	1.0000	0.9980 - 1.0020	1.0012
	EQ/L		
Sample ID			
Tested 04/26/23			
Tester DTRA			
Recorded 04/26/23			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID		PASS
	APPEARANCE		
Sample ID			
Tested 04/26/23			
Tester DTRA			
Recorded 04/26/23			



Aqua Solutions, Inc.  
Ph: 281-479-2569  
Fax: 281-479-2790  
P.O. Box 70  
Deer Park, TX 77536  
Website: [www.aquasolutions.org](http://www.aquasolutions.org)

Page: 2

Date: 04/26/23 at 6:05 PM

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

**INSTRUMENTS USED DURING**

INSTRUMENT

GC,EF4-BOB,M55,BID00787,PI

**PREPARATION**

DM81

Sample ID

Tested 04/26/23

Tester DTRA

Recorded 04/26/23

**Lot #** 3042656

**Made** 04/26/23

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**