



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: 4132 HYDROCHLORIC ACID 0.2 NORMAL IN IPA			
PREPARED TO FORMULATION ON FILE	YES YES		YES
Sample ID			
Tested 09/10/21			
Tester DHOL			
Recorded 09/10/21			
SAMPLE COLLECTION & HANDLING PER LAB040	YES YES		YES
Sample ID			
Tested 09/10/21			
Tester DHOL			
Recorded 09/10/21			
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY MM/DD/YYYY		09/10/21
Sample ID			
Tested 09/10/21			
Tester DHOL			
Recorded 09/10/21			
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	20.0
Sample ID			
Tested 09/10/21			
Tester DHOL			
Recorded 09/10/21			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY		09/10/21
Sample ID			
Tested 09/10/21			
Tester DHOL			
Recorded 09/10/21			
AMBIENT TEST TEMPERATURE DEGC	20.0 DEG C	15.0 - 30.0	21.7
Sample ID			
Tested 09/10/21			
Tester DHOL			
Recorded 09/10/21			
N.I.S.T. Traceable to SRM 84	YES YES		YES
Sample ID			
Tested 09/10/21			
Tester DHOL			
Recorded 09/10/21			
Actual Normality	0.2000 EQ/L	0.1991 - 0.2009	0.2009
Sample ID			
Tested 09/10/21			
Tester DHOL			
Recorded 09/10/21			



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

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APPEARANCE AND COLOR	CLEAR WATER WHITE APPEARANCE	PASS
Sample ID		
Tested	09/10/21	
Tester	DHOL	
Recorded	09/10/21	
INSTRUMENTS USED DURING PREPARATION	LAB EQUIPMENT USED INSTRUMENT	M21,VF3-J11,M55,BID06383,PI DP316
Sample ID		
Tested	09/10/21	
Tester	DHOL	
Recorded	09/10/21	
Actual Density	0.79591 GM/ML	0.79476 - 0.79706 0.79629
Sample ID		
Tested	09/10/21	
Tester	DHOL	
Recorded	09/10/21	
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	03/30/22
Sample ID		
Tested	09/10/21	
Tester	DHOL	
Recorded	09/10/21	
Lot #	1090249	
Made	09/10/21	

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