



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

Packaged Product: 4352			
HYDROCHLORIC ACID 1.0 NORMAL (BCG/MR/CO3)			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
Sample ID	YES		
Tested 10/02/24			
Tester JRIO			
Recorded 10/02/24			
NORMALITY TO 4 DEC PLACES	1.0000	0.9991 - 1.0009	1.0004
	EQUIV/LITER		
Sample ID			
Tested 10/02/24			
Tester JRIO			
Recorded 10/02/24			
QCSP61A:STANDARDIZATION	YES		YES
ACIDS USING SODI	QCSP61A		
Sample ID			
Tested 10/02/24			
Tester JRIO			
Recorded 10/02/24			
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 10/02/24			
Tester JRIO			
Recorded 10/02/24			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		GC,VF3-J18,T-23,M91,BID079
Sample ID			
Tested 10/02/24			
Tester JRIO			
Recorded 10/02/24			
SHELF LIFE OF PRODUCT	2 YEARS TIME		2 YEARS
Sample ID			
Tested 10/02/24			
Tester JRIO			
Recorded 10/02/24			
Actual Density	1.01584	1.01563 - 1.01605	1.01583
	GM/ML		
Sample ID			
Tested 10/02/24			
Tester JRIO			
Recorded 10/02/24			
EXPIRATION DATE	MM/DD/YY		10/30/26
	MM/DD/YYYY		
Sample ID			
Tested 10/02/24			
Tester JRIO			
Recorded 10/02/24			



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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Date: 10/02/24 at 4:47 PM

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

Lot #	4092607
Made	10/02/24

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