



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

Packaged Product: 4420			
HYDROCHLORIC ACID 50% V/V / 6 NORMAL			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
Sample ID	YES		
Tested 08/06/24			
Tester ENOR			
Recorded 08/06/24			
SAMPLE COLLECTION & HANDLING PER LAB040	YES		YES
Sample ID	YES		
Tested 08/06/24			
Tester ENOR			
Recorded 08/06/24			
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY		08/04/2024
Sample ID	MM/DD/YYYY		
Tested 08/06/24			
Tester ENOR			
Recorded 08/06/24			
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0	10.0 - 35.0	18.5
Sample ID	DEG C		
Tested 08/06/24			
Tester ENOR			
Recorded 08/06/24			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		08/04/2024
Sample ID	MM/DD/YYYY		
Tested 08/06/24			
Tester ENOR			
Recorded 08/06/24			
AMBIENT TEST TEMPERATURE DEG C	20.0	15.0 - 30.0	20.0
Sample ID	DEG C		
Tested 08/06/24			
Tester ENOR			
Recorded 08/06/24			
Actual Normality	6.0000	5.9500 - 6.0500	6.0470
Sample ID	EQ/L		
Tested 08/06/24			
Tester ENOR			
Recorded 08/06/24			
APHA COLOR	5	0 - 10	2
Sample ID	COLOR UNITS		
Tested 08/06/24			
Tester ENOR			
Recorded 08/06/24			



Aqua Solutions, Inc.
6913 Highway 225
Deer Park, TX, 77536
281/479-2569

Certificate of Analysis / QC Results

Customer PO # :

APPEARANCE AND COLOR	CLEAR WATER WHITE		PASS
	LIQUID APPEARANCE		
Sample ID			
Tested	08/06/24		
Tester	ENOR		
Recorded	08/06/24		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		T-45,T-218,M55,BID08446,PID P.101
Sample ID			
Tested	08/06/24		
Tester	ENOR		
Recorded	08/06/24		
COLOR	PT-CO		CLEAR WATER WHITE
Sample ID			
Tested	08/06/24		
Tester	ENOR		
Recorded	08/06/24		
Actual Density	1.09738 GM/ML	1.09627 - 1.09849	1.09840
Sample ID			
Tested	08/06/24		
Tester	ENOR		
Recorded	08/06/24		
SHELF LIFE OF PRODUCT	3 YEARS TIME		3 YEARS
Sample ID			
Tested	08/06/24		
Tester	ENOR		
Recorded	08/06/24		
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY		08/30/27
Sample ID			
Tested	08/06/24		
Tester	ENOR		
Recorded	08/06/24		
Lot #	40726101		
Made	08/06/24		

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.



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

Page: 3

Date: 08/06/24 at 4:28 PM

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

Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

Quality Manager