



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

Packaged Product: 2180			
COLOR STANDARD 500 HAZEN UNITS (APHA)/ASTM D1209			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
Sample ID	YES		
Tested 08/21/24			
Tester MMAT			
Recorded 08/21/24			
Actual Color, APHA	500	490 - 510	507
	COLOR		
Sample ID			
Tested 08/21/24			
Tester MMAT			
Recorded 08/21/24			
CERTIFIED TO ASTM D1209	YES		YES
	YES		
Sample ID			
Tested 08/21/24			
Tester MMAT			
Recorded 08/21/24			
ABSORBANCE AT 430 NM	0.115	0.110 - 0.120	0.110
	ABSORBANCE NM		
Sample ID			
Tested 08/22/24			
Tester MMAT			
Recorded 08/22/24			
ABSORBANCE AT 455 NM	0.137	0.130 - 0.145	0.135
	ABSORBANCE NM		
Sample ID			
Tested 08/22/24			
Tester MMAT			
Recorded 08/22/24			
ABSORBANCE AT 480 NM	0.113	0.105 - 0.120	0.109
	ABSORBANCE NM		
Sample ID			
Tested 08/22/24			
Tester MMAT			
Recorded 08/22/24			
ABSORBANCE AT 510 NM	0.060	0.055 - 0.065	0.055
	ABSORBANCE NM		
Sample ID			
Tested 08/22/24			
Tester MMAT			
Recorded 08/22/24			
APPEARANCE AND COLOR	CLEAR YELLOW-BROWN		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested 08/22/24			
Tester MMAT			
Recorded 08/22/24			



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INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M115,VF4-N22
Sample ID		
Tested 08/22/24		
Tester MMAT		
Recorded 08/22/24		
SHELF LIFE OF PRODUCT	SHELF LIFE TIME	1 YEAR
Sample ID		
Tested 08/22/24		
Tester MMAT		
Recorded 08/22/24		
EXPIRATION DATE	MM/DD/YYYY MM/DD/YYYY	08/30/2025
Sample ID		
Tested 08/22/24		
Tester MMAT		
Recorded 08/22/24		
Lot # 4081689		
Made 08/22/24		

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