



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		YES
Sample ID			
Tested 12/14/23			
Tester MMAT			
Recorded 12/14/23			
CERTIFIED TO ASTM D1209	YES YES		YES
Sample ID			
Tested 12/14/23			
Tester AROS			
Recorded 12/14/23			
ABSORBANCE AT 430 NM	0.115 ABSORBANCE NM	0.110 - 0.120	0.113
Sample ID			
Tested 12/14/23			
Tester AROS			
Recorded 12/14/23			
ABSORBANCE AT 455 NM	0.137 ABSORBANCE NM	0.130 - 0.145	0.137
Sample ID			
Tested 12/14/23			
Tester AROS			
Recorded 12/14/23			
ABSORBANCE AT 480 NM	0.113 ABSORBANCE NM	0.105 - 0.120	0.110
Sample ID			
Tested 12/14/23			
Tester AROS			
Recorded 12/14/23			
ABSORBANCE AT 510 NM	0.060 ABSORBANCE NM	0.055 - 0.065	0.056
Sample ID			
Tested 12/14/23			
Tester AROS			
Recorded 12/14/23			
APPEARANCE AND COLOR	CLEAR YELLOW-BROWN LIQUID APPEARANCE		PASS
Sample ID			
Tested 12/14/23			
Tester AROS			
Recorded 12/14/23			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M115,VF5-L10
Sample ID			
Tested 12/14/23			
Tester MMAT			
Recorded 12/14/23			



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SHELF LIFE OF PRODUCT	SHELF LIFE TIME	1 YEAR
Sample ID		
Tested	12/14/23	
Tester	AROS	
Recorded	12/14/23	
EXPIRATION DATE	MM/DD/YYYY MM/DD/YYYY	12/30/2024
Sample ID		
Tested	12/14/23	
Tester	AROS	
Recorded	12/14/23	
Actual Color, APHA	500 COLOR	498
	490 - 510	
Sample ID		
Tested	12/14/23	
Tester	AROS	
Recorded	12/19/23	
Lot #	3121358	
Made	12/14/23	

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