



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

<b>Packaged Product:</b> 2180			
COLOR STANDARD 500 HAZEN UNITS (APHA)/ASTM D1209			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID	YES		
Tested 06/02/22			
Tester LBYE			
Recorded 06/02/22			
<b>Actual Color, APHA</b>	500	490 - 510	493
	COLOR		
Sample ID			
Tested 06/02/22			
Tester LBYE			
Recorded 06/02/22			
<b>CERTIFIED TO ASTM D1209</b>	YES		YES
	YES		
Sample ID			
Tested 06/02/22			
Tester LBYE			
Recorded 06/02/22			
<b>ABSORBANCE AT 430 NM</b>	0.115	0.110 - 0.120	0.114
	ABSORBANCE NM		
Sample ID			
Tested 06/02/22			
Tester LBYE			
Recorded 06/02/22			
<b>ABSORBANCE AT 455 NM</b>	0.137	0.130 - 0.145	0.136
	ABSORBANCE NM		
Sample ID			
Tested 06/02/22			
Tester LBYE			
Recorded 06/02/22			
<b>ABSORBANCE AT 480 NM</b>	0.113	0.105 - 0.120	0.110
	ABSORBANCE NM		
Sample ID			
Tested 06/02/22			
Tester LBYE			
Recorded 06/02/22			
<b>ABSORBANCE AT 510 NM</b>	0.060	0.055 - 0.065	0.057
	ABSORBANCE NM		
Sample ID			
Tested 06/02/22			
Tester LBYE			
Recorded 06/02/22			
<b>APPEARANCE AND COLOR</b>	CLEAR YELLOW-BROWN		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested 06/02/22			
Tester LBYE			
Recorded 06/02/22			



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

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<b>INSTRUMENTS USED DURING PREPARATION</b>	<b>INSTRUMENT</b>	M99,VF500-X31,M82
Sample ID		
Tested 06/02/22		
Tester LBYE		
Recorded 06/02/22		
<b>EXPIRATION DATE</b>	<b>MM/DD/YY</b>	06/30/23
	<b>MM/DD/YYYY</b>	
Sample ID		
Tested 06/02/22		
Tester LBYE		
Recorded 06/02/22		
<b>SHELF LIFE OF PRODUCT</b>	<b>SHELF LIFE TIME</b>	1 YEAR
Sample ID		
Tested 06/02/22		
Tester LBYE		
Recorded 06/02/22		
<b>Lot #</b>	2060124	
<b>Made</b>	06/02/22	

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**