



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

<b>Packaged Product:</b> 7450			
POTASSIUM PERMANGANATE 0.5 NORMAL			
Test	Target/UOM	Range	Result
<b>Actual Normality</b>	0.5000	0.4990 - 0.5010	0.5004
	EQ/L		
Sample ID			
Tested	10/17/23		
Tester	MHUS		
Recorded	10/17/23		
<b>QCSP9:STADARDIZATION OF POTASSIUM PERMAN</b>	YES		YES
	QCSP9		
Sample ID			
Tested	10/17/23		
Tester	MHUS		
Recorded	10/17/23		
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
	YES		
Sample ID			
Tested	10/17/23		
Tester	MHUS		
Recorded	10/17/23		
<b>APPEARANCE AND COLOR</b>	CLEAR DARK PURPLE		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested	10/17/23		
Tester	MHUS		
Recorded	10/17/23		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M112,VF2-A9,T-224
Sample ID			
Tested	10/17/23		
Tester	MHUS		
Recorded	10/17/23		
<b>EXPIRATION DATE</b>	MM/DD/YY		10/30/24
	MM/DD/YYYY		
Sample ID			
Tested	10/17/23		
Tester	MHUS		
Recorded	10/17/23		
<b>SHELF LIFE OF PRODUCT</b>	SHELF LIFE		1 YEAR
	TIME		
Sample ID			
Tested	10/17/23		
Tester	MHUS		
Recorded	10/17/23		
<b>Actual Density</b>	1.00903	1.00871 - 1.00935	1.00892
	GM/ML		
Sample ID			
Tested	10/17/23		
Tester	MHUS		
Recorded	10/17/23		



Aqua Solutions, Inc.  
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Page: 2

Date: 10/17/23 at 1:57 PM

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**Customer PO # :**

<b>Lot #</b>	3100501
<b>Made</b>	10/17/23

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**