



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

<b>Packaged Product:</b> 7440			
POTASSIUM PERMANGANATE 0.1 NORMAL			
Test	Target/UOM	Range	Result
<b>Prepared with High Purity KMNO4</b>	YES		YES
	YES		
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		
<b>TRACEABLE TO N.I.S.T. SRM 8040</b>	Yes		YES
	YES		
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
	YES		
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.1005
	EQ/L		
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		
<b>QCSP9:STADARDIZATION OF POTASSIUM PERMAN</b>	YES		YES
	QCSP9		
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		
<b>APPEARANCE AND COLOR</b>	CLEAR DARK PURPLE		PASS
	LIQUID		
	APPEARANCE		
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		T-P4,BID-2269,PID-M 91
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		
<b>EXPIRATION DATE</b>	MM/DD/YY		04/30/25
	MM/DD/YYYY		
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		



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Customer PO # :

<b>Actual Density</b>	1.00038	1.00031 - 1.00044	1.00041
	GM/ML		
Sample ID			
Tested	04/11/24		
Tester	BPHI		
Recorded	04/11/24		
<b>Lot #</b>	4040534		
<b>Made</b>	04/11/24		

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**