



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

<b>Packaged Product:</b> 7443			
POTASSIUM PERMANGANATE 0.2 NORMAL			
Test	Target/UOM	Range	Result
<b>Actual Normality</b>	0.2000 EQ/L	0.1995 - 0.2005	0.1999
Sample ID			
Tested 08/01/23			
Tester CCOA			
Recorded 08/01/23			
<b>QCSP9:STADARDIZATION OF POTASSIUM PERMAN</b>	YES QCSP9		YES
Sample ID			
Tested 08/01/23			
Tester CCOA			
Recorded 08/01/23			
<b>N.I.S.T. Traceable to SRM 723</b>	Yes YES		YES
Sample ID			
Tested 08/01/23			
Tester CCOA			
Recorded 08/01/23			
<b>PREPARED TO FORMULATION ON FILE</b>	YES YES		YES
Sample ID			
Tested 08/01/23			
Tester CCOA			
Recorded 08/01/23			
<b>APPEARANCE AND COLOR</b>	CLEAR DARK PURPLE LIQUID APPEARANCE		PASS
Sample ID			
Tested 08/01/23			
Tester CCOA			
Recorded 08/01/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M108,VF1-Z32
Sample ID			
Tested 08/01/23			
Tester CCOA			
Recorded 08/01/23			
<b>Actual Density</b>	1.00277 GM/ML	1.00122 - 1.00432	1.00271
Sample ID			
Tested 08/01/23			
Tester CCOA			
Recorded 08/01/23			
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		08/30/24
Sample ID			
Tested 08/01/23			
Tester CCOA			
Recorded 08/01/23			



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<b>Lot #</b>	3072873
<b>Made</b>	08/01/23

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**