

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

Packaged Product: 7435			
POTASSIUM PERMANGANATE 0.05 NORMAL			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
Actual Normality	0.0500	0.0495 - 0.0505	0.0495
	EQ/L		
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
Expanded measurement uncertainty	0.0003		0.0003
	EQUIV/L		
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
QCSP9:STADARDIZATION OF	YES		YES
POTASSIUM PERMAN	QCSP9		
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
N.I.S.T. Traceable to SRM 40	YES		YES
	YES		
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
Actual Density	0.99933	0.99910 - 0.99956	0.99932
	G/ML		
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
SAMPLE COLLECTION & HANDLING	YES		YES
PER LAB040	YES		
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		02/25/2025
PURPOSES	MM/DD/YYYY		
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			

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AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	18.0
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY MM/DD/YYYY		02/25/2025
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
AMBIENT TEST TEMPERATURE DEGC	20.0 DEG C	15.0 - 30.0	20.0
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
Additions, Deviations or Exclusions	NONE CHARACTER		NONE
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
APPEARANCE AND COLOR	CLEAR PURPLE LIQUID APPEARANCE		PASS
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M91,BID026969,M112,T20
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY		02/28/26
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
SHELF LIFE OF PRODUCT	1 YEAR TIME		1 YEAR
Sample ID			
Tested 02/25/25			
Tester RIRO			
Recorded 02/25/25			
Lot #	5021404		
Made	02/25/25		



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

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Date: 02/25/25 at 1:58 PM

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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