



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

<b>Packaged Product:</b> M2517-4L METHANOL LOW WATER (4L)			
Test	Target/UOM	Range	Result
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		CLEAR COLORLESS LIQUID
Sample ID			
Tested	06/24/24		
Tester	TBUR		
Recorded	06/24/24		
<b>ASSAY OF MATERIAL</b>	MIN 99.8% %		>99.99%
Sample ID			
Tested	06/24/24		
Tester	TBUR		
Recorded	06/24/24		
<b>Passed test for presence of carb</b>	MAX 0.001% PASS		<0.001%
Sample ID			
Tested	06/24/24		
Tester	TBUR		
Recorded	06/24/24		
<b>COLOR</b>	MAX 10 PT-CO		5 APHA
Sample ID			
Tested	06/24/24		
Tester	TBUR		
Recorded	06/24/24		
<b>RESIDUE AFTER EVAPORATION</b>	MAX 0.001%		0.00005%
Sample ID			
Tested	06/24/24		
Tester	TBUR		
Recorded	06/24/24		
<b>SOLUBILITY</b>	PASSES TEST PASS		PASSES TEST
Sample ID			
Tested	06/24/24		
Tester	TBUR		
Recorded	06/24/24		
<b>TITRABLE ACID</b>	MAX 0.0003 MEQ/G T ACID		0.0003 MEQ/G
Sample ID			
Tested	06/24/24		
Tester	TBUR		
Recorded	06/24/24		
<b>TITRABLE BASE</b>	MAX 0.0002 MEQ/G T BASE		0.00002 MEQ/G
Sample ID			
Tested	06/24/24		
Tester	TBUR		
Recorded	06/24/24		



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<b>WATER CONTENT</b>	MAX 0.01% %	0.0004%
Sample ID		
Tested	06/24/24	
Tester	TBUR	
Recorded	06/24/24	
<b>SUBSTANCES REDUCING PERMANGANATE</b>	PASSES TEST PASS	PASSES TEST
Sample ID		
Tested	06/24/24	
Tester	TBUR	
Recorded	06/24/24	
<b>SUBSTANCES DARKENED BY SULFURIC ACID</b>	PASSES TEST PASS	PASSES TEST
Sample ID		
Tested	06/24/24	
Tester	TBUR	
Recorded	06/24/24	
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY	03/30/2029
Sample ID		
Tested	06/24/24	
Tester	TBUR	
Recorded	06/24/24	
<b>SHELF LIFE OF PRODUCT</b>	SHELF LIFE TIME	5 YEARS
Sample ID		
Tested	06/24/24	
Tester	TBUR	
Recorded	06/24/24	
<b>MANUFACTURE DATE</b>	MM/DD/YY MM/DD/YYYY	03/08/2024
Sample ID		
Tested	06/24/24	
Tester	TBUR	
Recorded	06/24/24	
<b>Lot #</b>	417301	
<b>Made</b>	06/21/24	

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.



Aqua Solutions, Inc.  
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Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

**Quality Manager**