



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

<b>Packaged Product:</b> M2523			
METHANOL HPLC GRADE			
Test	Target/UOM	Range	Result
<b>ASSAY OF MATERIAL</b>	99.9%		99.99%
	%		
Sample ID			
Tested	09/29/23		
Tester	TBUR		
Recorded	09/29/23		
<b>APPEARANCE AND COLOR</b>	CLEAR		CLEAR
	APPEARANCE		
Sample ID			
Tested	09/29/23		
Tester	TBUR		
Recorded	09/29/23		
<b>WATER CONTENT</b>	<=0.1%		0.025955%
	%		
Sample ID			
Tested	09/29/23		
Tester	TBUR		
Recorded	09/29/23		
<b>REFRACTIVE INDEX</b>	1.3260	0.0000 - 1.3280	1.3264
	REFRACTIVE INDE		
Sample ID			
Tested	09/29/23		
Tester	TBUR		
Recorded	09/29/23		
<b>SUBSTANCES DARKENED BY SULFURIC ACID</b>	PASSES TEST		PASSES TEST
	PASS		
Sample ID			
Tested	09/29/23		
Tester	TBUR		
Recorded	09/29/23		
<b>SUBSTANCES REDUCING PERMANGANATE</b>	PASSES TEST		PASSES TEST
	PASS		
Sample ID			
Tested	09/29/23		
Tester	TBUR		
Recorded	09/29/23		
<b>COLOR</b>	< 10		<5 APHA
	PT-CO		
Sample ID			
Tested	09/29/23		
Tester	TBUR		
Recorded	09/29/23		
<b>SOLUBILITY</b>	PASSES TEST		PASSES TEST
	PASS		
Sample ID			
Tested	09/29/23		
Tester	TBUR		
Recorded	09/29/23		



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<b>CARBONYL COMPOUNDS</b>	< 0.001%	0.0003%
	CARBON COM	
Sample ID		
Tested	09/29/23	
Tester	TBUR	
Recorded	09/29/23	
<b>TITRABLE ACID</b>	< 0.0003 MEQ/G	0.0003 MEQ/G
	T ACID	
Sample ID		
Tested	09/29/23	
Tester	TBUR	
Recorded	09/29/23	
<b>TITRABLE BASE</b>	< 0.0002 MEQ/G	0.000066 MEQ/G
	T BASE	
Sample ID		
Tested	09/29/23	
Tester	TBUR	
Recorded	09/29/23	
<b>HPLC GRADIENT ELUTION</b>	PASSES TEST	PASSES TEST
	HPLC GRAD	
Sample ID		
Tested	09/29/23	
Tester	TBUR	
Recorded	09/29/23	
<b>EXPIRATION DATE</b>	MM/DD/YY	04/30/2028
	MM/DD/YYYY	
Sample ID		
Tested	09/29/23	
Tester	TBUR	
Recorded	09/29/23	
<b>MANUFACTURE DATE</b>	MM/DD/YY	04/25/2023
	MM/DD/YYYY	
Sample ID		
Tested	09/29/23	
Tester	TBUR	
Recorded	09/29/23	
<b>SHELF LIFE OF PRODUCT</b>	5 YEARS	5 YEARS
	TIME	
Sample ID		
Tested	09/29/23	
Tester	TBUR	
Recorded	09/29/23	

**Lot #** 325502  
**Made** 09/12/23



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Date: 09/29/23 at 9:02 AM

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**Quality Manager**