



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

<b>Packaged Product:</b> SAY006F			
50.0 mg/L 14 Component Mixed Metal Working Solution			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 09/26/24			
Tester MMAT			
Recorded 09/26/24			
<b>APPEARANCE AND COLOR</b>	CLEAR TO PALE TAN-BROWN LIQUID APPEARANCE		PASS
Sample ID			
Tested 09/26/24			
Tester MMAT			
Recorded 09/26/24			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M108,GC,P101,P151,VF1-Z45
Sample ID			
Tested 09/26/24			
Tester MMAT			
Recorded 09/26/24			
<b>PPM ALUMINUM</b>	50.00 PPM	49.50 - 50.50	50.00
Sample ID			
Tested 09/26/24			
Tester MMAT			
Recorded 09/26/24			
<b>CALCULATED MG/L SILICON (SI)</b>	50.00 MG/L	49.50 - 50.50	50.00
Sample ID			
Tested 09/26/24			
Tester MMAT			
Recorded 09/26/24			
<b>PPM VANADIUM</b>	50.00 PPM	49.50 - 50.50	50.00
Sample ID			
Tested 09/26/24			
Tester MMAT			
Recorded 09/26/24			
<b>Calculated PPM NICKEL</b>	50.00 PPM	49.50 - 50.50	50.00
Sample ID			
Tested 09/26/24			
Tester MMAT			
Recorded 09/26/24			
<b>CALCULATED PPM IRON (FE)</b>	50.00 PPM	49.50 - 50.50	50.00
Sample ID			
Tested 09/26/24			
Tester MMAT			
Recorded 09/26/24			



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<b>PPM NA</b>	50.00	49.50 - 50.50	50.00
	PPM		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>CALCULATED PPM CALCIUM</b>	50.00	49.50 - 50.50	50.00
	PPM		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>PPM PHOSPHOROUS</b>	50.00	49.50 - 50.50	50.00
	PPM		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>PPM ZINC</b>	50.00	49.50 - 50.50	50.00
	PPM		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>PPM K</b>	50.00	49.50 - 50.50	50.00
	PPM		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>PPM OF LEAD</b>	50.00	49.50 - 50.50	50.00
	PPM		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>PPM MG</b>	50.00	49.50 - 50.50	50.00
	PPM		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>CALCULATED PPM ARSENIC</b>	50.00	49.50 - 50.50	50.00
	PPM / MG/L/L		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		



Aqua Solutions, Inc.  
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Customer PO # :

<b>CALCULATED PPM COPPER (CU)</b>	50.00	49.50 - 50.50	50.00
	PPM		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>EXPIRATION DATE</b>	MM/DD/YYYY		09/30/2025
	MM/DD/YYYY		
Sample ID			
Tested	09/26/24		
Tester	MMAT		
Recorded	09/26/24		
<b>Lot #</b>	4091207		
<b>Made</b>	09/26/24		

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**