



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

Packaged Product: SAY001F			
1.0 mg/L 14 Component Mixed Metal Working Solution			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 12/27/23			
Tester MMAT			
Recorded 12/27/23			
APPEARANCE AND COLOR	CLEAR TO PALE TAN-BROWN LIQUID APPEARANCE		PASS
Sample ID			
Tested 12/27/23			
Tester MMAT			
Recorded 12/27/23			
CALCULATED ALUMINUM MG/L	1.00	0.95 - 1.05	1.00
NIST	MG/L		
Sample ID			
Tested 12/27/23			
Tester MMAT			
Recorded 12/27/23			
CALCULATED MG/L SILICON	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested 12/27/23			
Tester MMAT			
Recorded 12/27/23			
CALCULATED VANADIUM MG/L	1.00	0.95 - 1.05	1.00
NIST	MG/L		
Sample ID			
Tested 12/27/23			
Tester MMAT			
Recorded 12/27/23			
CALCULATED NICKEL MG/L NIST	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested 12/27/23			
Tester MMAT			
Recorded 12/27/23			
CALCULATED IRON MG/L NIST	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested 12/27/23			
Tester MMAT			
Recorded 12/27/23			
CALCULATED ALUMINUM MG/L	1.00	0.95 - 1.05	1.00
NIST	MG/L		
Sample ID			
Tested 12/27/23			
Tester MMAT			
Recorded 12/27/23			



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CALCULATED CALCIUM MG/L NIST	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested	12/27/23		
Tester	MMAT		
Recorded	12/27/23		
CALCULATED PHOSPHORUS MG/L NIST	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested	12/27/23		
Tester	MMAT		
Recorded	12/27/23		
CALCULATED ALUMINUM MG/L NIST	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested	12/27/23		
Tester	MMAT		
Recorded	12/27/23		
CALCULATED POTASSIUM MG/L NIST	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested	12/27/23		
Tester	MMAT		
Recorded	12/27/23		
CALCULATED LEAD MG/L NIST	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested	12/27/23		
Tester	MMAT		
Recorded	12/27/23		
CALCULATED MAGNESIUM MG/L NIST	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested	12/27/23		
Tester	MMAT		
Recorded	12/27/23		
CALCULATED MG/L ARSENIC (AS)	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested	12/27/23		
Tester	MMAT		
Recorded	12/27/23		
CALCULATED MG/L COPPER (CU)	1.00	0.95 - 1.05	1.00
	MG/L		
Sample ID			
Tested	12/27/23		
Tester	MMAT		
Recorded	12/27/23		



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INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M115,VF500-X30,P162,P138
Sample ID		
Tested 12/27/23		
Tester MMAT		
Recorded 12/27/23		
EXPIRATION DATE	MM/DD/YYYY	12/30/2024
	MM/DD/YYYY	
Sample ID		
Tested 12/27/23		
Tester MMAT		
Recorded 12/27/23		
Lot # 3122034		
Made 12/27/23		

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