



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

<b>Packaged Product:</b> FIS163F			
50 ug/ml Mixed AA Standard (50 ug/ml Cr,Co,Cu,Fe,Mn,Ni)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 08/08/24			
Tester AROS			
Recorded 08/08/24			
<b>CALCULATED PPM CHROMIUM</b>	50.00 PPM	49.75 - 50.25	50.00
Sample ID			
Tested 08/08/24			
Tester AROS			
Recorded 08/08/24			
<b>Calculated ppm Cobalt</b>	50.00 PPM (MG/L)	49.75 - 50.25	50.00
Sample ID			
Tested 08/08/24			
Tester AROS			
Recorded 08/08/24			
<b>CALCULATED PPM COPPER (CU)</b>	50.00 PPM	49.75 - 50.25	50.00
Sample ID			
Tested 08/08/24			
Tester AROS			
Recorded 08/08/24			
<b>CALCULATED PPM IRON (FE)</b>	50.00 PPM	49.75 - 50.25	50.00
Sample ID			
Tested 08/08/24			
Tester AROS			
Recorded 08/08/24			
<b>CALCULATED PPM MANGANESE</b>	50.00 PPM (UG/ML)	49.75 - 50.25	50.00
Sample ID			
Tested 08/08/24			
Tester AROS			
Recorded 08/08/24			
<b>CALCULATED PPM NICKEL</b>	50.00 PPM	49.75 - 50.25	50.00
Sample ID			
Tested 08/08/24			
Tester AROS			
Recorded 08/08/24			
<b>TRACEABLE TO N.I.S.T. STANDARD</b>	YES		YES
Sample ID			
Tested 08/08/24			
Tester AROS			
Recorded 08/08/24			



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<b>APPEARANCE AND COLOR</b>	CLEAR TO PALE GREEN	PASS
	LIQUID APPEARANCE	
Sample ID		
Tested 08/08/24		
Tester AROS		
Recorded 08/08/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	P173,VF1-Z20
Sample ID		
Tested 08/08/24		
Tester AROS		
Recorded 08/08/24		
<b>EXPIRATION DATE</b>	MM/DD/YYYY	08/30/2025
	MM/DD/YYYY	
Sample ID		
Tested 08/08/24		
Tester AROS		
Recorded 08/08/24		
<b>Lot #</b>	4080890	
<b>Made</b>	08/08/24	

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**