

**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</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 07/05/23			
Tester AROS			
Recorded 07/05/23			
<b>CALCULATED PPM CHROMIUM</b>	50.00	49.75 - 50.25	50.00
	PPM		
Sample ID			
Tested 07/05/23			
Tester AROS			
Recorded 07/05/23			
<b>Calculated ppm Cobalt</b>	50.00	49.75 - 50.25	50.00
	PPM (MG/L)		
Sample ID			
Tested 07/05/23			
Tester AROS			
Recorded 07/05/23			
<b>CALCULATED PPM COPPER (CU)</b>	50.00	49.75 - 50.25	50.00
	PPM		
Sample ID			
Tested 07/05/23			
Tester AROS			
Recorded 07/05/23			
<b>PPM IRON (FE)</b>	50.00	49.75 - 50.25	50.00
	PPM		
Sample ID			
Tested 07/05/23			
Tester AROS			
Recorded 07/05/23			
<b>CALCULATED PPM MANGANESE</b>	50.00	49.75 - 50.25	50.00
	PPM (UG/ML)		
Sample ID			
Tested 07/05/23			
Tester AROS			
Recorded 07/05/23			
<b>PPM NICKEL</b>	50.00	49.75 - 50.25	50.00
	PPM		
Sample ID			
Tested 07/05/23			
Tester AROS			
Recorded 07/05/23			
<b>TRACEABLE TO N.I.S.T. STANDARD</b>	YES		YES
	YES		
Sample ID			
Tested 07/05/23			
Tester AROS			
Recorded 07/05/23			



Aqua Solutions, Inc.  
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Date: 07/06/23 at 6:57 AM

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**Customer PO # :**

<b>APPEARANCE AND COLOR</b>	CLEAR TO PALE GREEN	PASS
	LIQUID	
	APPEARANCE	
Sample ID		
Tested	07/05/23	
Tester	AROS	
Recorded	07/05/23	
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	P125,VF2-A13,GC
Sample ID		
Tested	07/05/23	
Tester	AROS	
Recorded	07/05/23	
<b>EXPIRATION DATE</b>	MM/DD/YYYY	07/30/24
	MM/DD/YYYY	
Sample ID		
Tested	07/05/23	
Tester	AROS	
Recorded	07/05/23	
<b>Lot #</b>	3070309	
<b>Made</b>	07/05/23	

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**