



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

<b>Packaged Product:</b> ODP167F			
KOH CALIBRATION STD 1 (1 MG/L IRON AND NICKEL)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 05/10/24			
Tester AROS			
Recorded 05/10/24			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 05/10/24			
Tester AROS			
Recorded 05/10/24			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M100,GC,VF2-B16
Sample ID			
Tested 05/10/24			
Tester AROS			
Recorded 05/10/24			
<b>ODP169 MIXED NIST STD - LOT USED</b>	LOT #		3082296
Sample ID			
Tested 05/10/24			
Tester AROS			
Recorded 05/10/24			
<b>PPM NICKEL</b>	1.00 PPM	0.98 - 1.02	1.00
Sample ID			
Tested 05/10/24			
Tester AROS			
Recorded 05/10/24			
<b>PPM IRON (FE)</b>	1.0 PPM	1.0 - 1.0	1.0
Sample ID			
Tested 05/10/24			
Tester AROS			
Recorded 05/10/24			
<b>GRAMS POTASSIUM CHLORIDE</b>	133.00 GM	= 133.00	266.00
Sample ID			
Tested 05/10/24			
Tester AROS			
Recorded 05/10/24			
<b>MLS OF IRON AND NICKEL STOCK STD 100PPM</b>	10.00 MLS	= 10.00	20.00
Sample ID			
Tested 05/10/24			
Tester AROS			
Recorded 05/10/24			



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<b>MLS HYDROCHLORIC ACID</b>	5.00 MLS	= 5.00	10.00
Sample ID			
Tested	05/10/24		
Tester	AROS		
Recorded	05/10/24		
<b>FINAL VOLUME IN LITERS</b>	1.0 LITER	= 1.0	2.0
Sample ID			
Tested	05/10/24		
Tester	AROS		
Recorded	05/10/24		
<b>SHELF LIFE OF PRODUCT</b>	2 YEARS TIME		2 YEARS
Sample ID			
Tested	05/10/24		
Tester	AROS		
Recorded	05/10/24		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		05/30/2026
Sample ID			
Tested	05/10/24		
Tester	AROS		
Recorded	05/10/24		
<b>Actual Density</b>	1.07987 GM/ML	1.07952 - 1.08023	1.08004
Sample ID			
Tested	05/10/24		
Tester	AROS		
Recorded	05/10/24		
<b>PPB IRON</b>	1000 PPB	960 - 1040	1000
Sample ID			
Tested	06/04/24		
Tester	TMCG		
Recorded	06/04/24		
<b>PPB NICKEL</b>	1000 PPB	960 - 1040	1000
Sample ID			
Tested	06/04/24		
Tester	TMCG		
Recorded	06/04/24		

**Lot #** 4051055

**Made** 05/10/24



Aqua Solutions, Inc.  
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Deer Park, TX 77536  
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Date: 06/04/24 at 11:42 AM

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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**