



**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 08/22/23			
Tester MMAT			
Recorded 08/22/23			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 08/22/23			
Tester MMAT			
Recorded 08/22/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M100,GC,VF3-J17
Sample ID			
Tested 08/22/23			
Tester MMAT			
Recorded 08/22/23			
<b>ODP169 MIXED NIST STD - LOT USED</b>	LOT #		3082296
Sample ID			
Tested 08/22/23			
Tester MMAT			
Recorded 08/22/23			
<b>PPM NICKEL</b>	1.00 PPM	0.98 - 1.02	1.00
Sample ID			
Tested 08/22/23			
Tester MMAT			
Recorded 08/22/23			
<b>PPM IRON (FE)</b>	1.0 PPM	1.0 - 1.0	1.0
Sample ID			
Tested 08/22/23			
Tester MMAT			
Recorded 08/22/23			
<b>GRAMS POTASSIUM CHLORIDE</b>	133.00 GM	= 133.00	399.00
Sample ID			
Tested 08/22/23			
Tester MMAT			
Recorded 08/22/23			
<b>MLS OF IRON AND NICKEL STOCK STD 100PPM</b>	10.00 MLS	= 10.00	30.00
Sample ID			
Tested 08/22/23			
Tester MMAT			
Recorded 08/22/23			



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Customer PO # :

<b>MLS HYDROCHLORIC ACID</b>	5.00 MLS	= 5.00	15.00
Sample ID			
Tested	08/22/23		
Tester	MMAT		
Recorded	08/22/23		
<b>FINAL VOLUME IN LITERS</b>	1.0 LITER	= 1.0	3.0
Sample ID			
Tested	08/22/23		
Tester	MMAT		
Recorded	08/22/23		
<b>SHELF LIFE OF PRODUCT</b>	2 YEARS TIME		2 YEARS
Sample ID			
Tested	08/22/23		
Tester	MMAT		
Recorded	08/22/23		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY		08/30/25
Sample ID			
Tested	08/22/23		
Tester	MMAT		
Recorded	08/22/23		
<b>Actual Density</b>	1.07987 GM/ML	1.07952 - 1.08023	1.07980
Sample ID			
Tested	08/22/23		
Tester	MMAT		
Recorded	08/22/23		
<b>Lot #</b>	3082295		
<b>Made</b>	08/22/23		

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**