

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

<b>Packaged Product:</b> ODP148F LACHAT CALIBRATION STANDARD LEVEL 5			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M100,VF2-A10,M100,M115
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>MLS OF 1000 PPM KIO3-NAOCL STOCK STD</b>	10.0 MLS	10.0 - 60.0	20.0
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>GRAMS SODIUM HYDROXIDE</b>	100.00 GM	95.00 - 605.00	200.00
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>GMS SODIUM CHLORIDE</b>	200.00 GM	195.00 - 1205.00	400.00
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>GRAMS SODIUM CHLORATE</b>	1.0000 GM	0.9995 - 6.0005	2.0000
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>ASSAY SODIUM CHLORATE</b>	100.0 %	98.0 - 102.0	99.6
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			

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<b>FINAL VOLUME IN LITERS</b>	1.0 LITER	1.0 - 6.0	2.0
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>CALCULATED PPM KIO3-NACL</b>	10.0 PPM	9.9 - 10.1	10.0
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>CALCULATED GPL SODIUM HYDROXIDE</b>	100.00 GPL	99.96 - 100.04	100.00
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>CALCULATED GPL SODIUM CHLORIDE</b>	200.00 GPL	199.98 - 200.02	200.00
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>CALCULATED GPL SODIUM CHLORATE</b>	1.0000 GPL	0.9995 - 1.0005	1.0002
Sample ID			
Tested 06/02/23			
Tester MMAT			
Recorded 06/02/23			
<b>Lot #</b> 3060223			
<b>Made</b> 06/02/23			

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**