

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

Packaged Product: ODP144F LACHAT CALIBRATION STANDARD LEVEL 1			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 08/01/23			
Tester AFRE			
Recorded 08/01/23			
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 08/01/23			
Tester AFRE			
Recorded 08/01/23			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		P44,M100,VF1-Z36,M115
Sample ID			
Tested 08/01/23			
Tester AFRE			
Recorded 08/01/23			
MLS OF 1000 PPM KIO3-NAOCL STOCK STD	50.0 MLS	50.0 - 300.0	50.0
Sample ID			
Tested 08/01/23			
Tester AFRE			
Recorded 08/01/23			
GRAMS SODIUM HYDROXIDE	200.00 GM	195.00 - 1230.00	200.00
Sample ID			
Tested 08/01/23			
Tester AFRE			
Recorded 08/01/23			
GMS SODIUM CHLORIDE	100.00 GM	100.00 - 600.00	100.00
Sample ID			
Tested 08/01/23			
Tester AFRE			
Recorded 08/01/23			
GRAMS SODIUM CHLORATE	0.1000 GM	0.0990 - 0.6010	0.1006
Sample ID			
Tested 08/01/23			
Tester AFRE			
Recorded 08/01/23			
ASSAY SODIUM CHLORATE	100.0 W/W%	98.0 - 101.0	99.6
Sample ID			
Tested 08/01/23			
Tester AFRE			
Recorded 08/01/23			

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FINAL VOLUME IN LITERS	1.0 LITER	1.0 - 6.0	1.0
Sample ID			
Tested	08/01/23		
Tester	AFRE		
Recorded	08/01/23		
Actual Density	1.23895 GM/ML	1.23659 - 1.24131	1.23994
Sample ID			
Tested	08/01/23		
Tester	AFRE		
Recorded	08/01/23		
CALCULATED PPM KIO3-NACL	50.0 PPM	49.9 - 50.0	50.0
Sample ID			
Tested	08/01/23		
Tester	AFRE		
Recorded	08/01/23		
CALCULATED GPL SODIUM HYDROXIDE	200.00 GPL	196.96 - 206.04	200.00
Sample ID			
Tested	08/01/23		
Tester	AFRE		
Recorded	08/01/23		
CALCULATED GPL SODIUM CHLORIDE	100.00 GPL	99.98 - 100.02	100.00
Sample ID			
Tested	08/01/23		
Tester	AFRE		
Recorded	08/01/23		
CALCULATED GPL SODIUM CHLORATE	0.1000 GPL	0.0995 - 0.1005	0.1002
Sample ID			
Tested	08/01/23		
Tester	AFRE		
Recorded	08/01/23		
Lot #	3073135		
Made	08/01/23		

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.



Aqua Solutions, Inc.
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Date: 08/01/23 at 2:00 PM

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Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

Quality Manager