



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

Packaged Product: S2924-4L
 SODIUM HYDROXIDE 50% W/W SOLUTION (4L)

Lot # 306214

Chemical Product: S2923
 SODIUM HYDROXIDE 50% W/W SOLUTION (REAGENT GRADE)

Test	Target/UOM	Range	Result
WEIGHT PERCENT SODIUM HYDROXIDE	51.00 W/W%	50.00 - 52.00	50.10
Sample ID			
Tested 03/09/23			
Tester TBUR			
Recorded 03/09/23			
AMMONIUM HYDROXIDE PRECIPITATE, WT%	MAX 0.01% % W/W		<0.01%
Sample ID			
Tested 03/09/23			
Tester TBUR			
Recorded 03/09/23			
SODIUM CARBONATE	0.25% WT MAX %		<0.1%
Sample ID			
Tested 03/09/23			
Tester TBUR			
Recorded 03/09/23			
CHLORIDE (CL)% W/W	0.005% MAX % W/W		<0.001%
Sample ID			
Tested 03/09/23			
Tester TBUR			
Recorded 03/09/23			
COLOR	APHA 20 MAX PT-CO		<5 APHA
Sample ID			
Tested 03/09/23			
Tester TBUR			
Recorded 03/09/23			
HEAVY METALS AS AG WT%	0.001% MAX % W/W		<0.001%
Sample ID			
Tested 03/09/23			
Tester TBUR			
Recorded 03/09/23			
IRON (FE) WT%	0.0005% MAX % W/W		<0.0005%
Sample ID			
Tested 03/09/23			
Tester TBUR			
Recorded 03/09/23			



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NICKEL% W/W	0.0005% MAX % W/W	<0.0005%
Sample ID		
Tested	03/09/23	
Tester	TBUR	
Recorded	03/09/23	
NITROGEN COMPOUNDS AS (N) WT%	0.00005% MAX % W/W	<0.0005%
Sample ID		
Tested	03/09/23	
Tester	TBUR	
Recorded	03/09/23	
PHOSPHATE (PO4) W/W%	0.00005% MAX % W/W	<0.0005%
Sample ID		
Tested	03/09/23	
Tester	TBUR	
Recorded	03/09/23	
POTASSIUM (K) WT%	0.025% MAX % W/W	<0.002%
Sample ID		
Tested	03/09/23	
Tester	TBUR	
Recorded	03/09/23	
SULFATE (SO4) WT%	0.003% MAX % W/W	<0.003%
Sample ID		
Tested	03/09/23	
Tester	TBUR	
Recorded	03/09/23	
Made	03/03/23	

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