



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

Packaged Product: N3805-2.5L			
NITRIC ACID 68-70% REAGENT ACS (2.5L) (NX0409-2)			
Test	Target/UOM	Range	Result
APPEARANCE AND COLOR	TO PASS TEST APPEARANCE		PASS
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
ASSAY OF MATERIAL	68.0% - 70.0% %		69.58%
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
COLOR	MAX 10 APHA PT-CO		<10 APHA
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
RESIDUE OF IGNITION	MAX 5 PPM RESIDUE IG		<5 PPM
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
CHLORIDE CONTENT	MAX 0.5 PPM PPM		<0.5 PPM
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
PHOSPHATE CONTENT	MAX 0.2 PPM PPM		<0.2 PPM
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
SULFATE (SO4) CONTENT	MAX 1 PPM MAX 60 MG/KG		<1 PPM
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		
ALUMINUM (AL) CONTENT	MAX 0.2 PPM		0.003 PPM
Sample ID			
Tested	02/09/23		
Tester	TBUR		
Recorded	02/09/23		



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ARSENIC CONTENT	MAX 0.01 PPM	<0.01 PPM
	ARSENIC	
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
CALCIUM CONTENT	MAX 0.2 PPM	0.015 PPM
	PPM	
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
CHROMIUM CONTENT	MAX 0.1 PPM	0.001 PPM
	PPM	
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
COPPER (CU) CONTENT	MAX 0.05 PPM	0.001 PPM
	COPPER	
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
GOLD (AU)	MAX 0.3 PPM	0.001 PPM
	GOLD	
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
HEAVY METAL (AS PB)	MAX 0.2 PPM	<0.2 PPM
	PPM	
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
IRON	MAX 0.2 PPM	0.007 PPM
	PPM	
Sample ID		
Tested	02/09/23	
Tester	TBUR	
Recorded	02/09/23	
LEAD (PB) CONTENT	MAX 0.1 PPM	0.001 PPM
	MG/L	
Sample ID		
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MAGNESIUM (MG) CONTENT MAX 0.3 PPM 0.003 PPM
 PPM

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23

MANGANESE (MN) CONTENT MAX 0.2 PPM 0.001 PPM
 %

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23

MERCURY (HG) CONTENT MAX 5 PPB <5 PPB
 PPM

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23

NICKEL (NI) CONTENT MAX 0.05 PPM 0.001 PPM
 NICKEL

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23

POTASSIUM CONTENT MAX 0.5 PPM 0.006 PPM
 PPM

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23

SODIUM CONTENT MAX 0.5 PPM 0.010 PPM
 %

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23

TIN (SN) CONTENT MAX 0.3 PPM 0.001 PPM
 PPM

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23

TITANIUM (TI) CONTENT MAX 0.3 PPM 0.001 PPM
 PPM

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23



Aqua Solutions, Inc.
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 Deer Park, TX 77536
 Website: www.aquasolutions.org

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ZINC (ZN) CONTENT

MAX 0.3 PPM
 PPM

0.002 PPM

Sample ID
 Tested 02/09/23
 Tester TBUR
 Recorded 02/09/23

Lot # 303927
Made 02/08/23

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