



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	08/02/24		
Tester	TBUR		
Recorded	08/02/24		
ASSAY OF MATERIAL	68.0% - 70.0% %		69.73%
Sample ID			
Tested	08/02/24		
Tester	TBUR		
Recorded	08/02/24		
COLOR	MAX 10 APHA PT-CO		<10 APHA
Sample ID			
Tested	08/02/24		
Tester	TBUR		
Recorded	08/02/24		
RESIDUE OF IGNITION	MAX 5 PPM RESIDUE IG		<5 PPM
Sample ID			
Tested	08/02/24		
Tester	TBUR		
Recorded	08/02/24		
CHLORIDE CONTENT	MAX 0.5 PPM PPM		<0.5 PPM
Sample ID			
Tested	08/02/24		
Tester	TBUR		
Recorded	08/02/24		
PHOSPHATE CONTENT	MAX 0.2 PPM PPM		<0.2 PPM
Sample ID			
Tested	08/02/24		
Tester	TBUR		
Recorded	08/02/24		
SULFATE (SO4) CONTENT	MAX 1 PPM MG/KG		<1 PPM
Sample ID			
Tested	08/02/24		
Tester	TBUR		
Recorded	08/02/24		
ALUMINUM (AL) CONTENT	MAX 0.2 PPM		0.004 PPM
Sample ID			
Tested	08/02/24		
Tester	TBUR		
Recorded	08/02/24		



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ARSENIC CONTENT	MAX 0.01 PPM	<0.01 PPM
	ARSENIC	
Sample ID		
Tested	08/02/24	
Tester	TBUR	
Recorded	08/02/24	
CALCIUM CONTENT	MAX 0.2 PPM	0.017 PPM
	PPM	
Sample ID		
Tested	08/02/24	
Tester	TBUR	
Recorded	08/02/24	
CHROMIUM CONTENT	MAX 0.1 PPM	0.002 PPM
	PPM	
Sample ID		
Tested	08/02/24	
Tester	TBUR	
Recorded	08/02/24	
COPPER (CU) CONTENT	MAX 0.05 PPM	0.006 PPM
	COPPER	
Sample ID		
Tested	08/02/24	
Tester	TBUR	
Recorded	08/02/24	
GOLD (AU)	MAX 0.3 PPM	0.001 PPM
	GOLD	
Sample ID		
Tested	08/02/24	
Tester	TBUR	
Recorded	08/02/24	
HEAVY METAL (AS PB)	MAX 0.2 PPM	<0.2 PPM
	PPM	
Sample ID		
Tested	08/02/24	
Tester	TBUR	
Recorded	08/02/24	
IRON	MAX 0.2 PPM	0.012 PPM
	PPM	
Sample ID		
Tested	08/02/24	
Tester	TBUR	
Recorded	08/02/24	
LEAD (PB) CONTENT	MAX 0.1 PPM	0.001 PPM
	MG/L	
Sample ID		
Tested	08/02/24	
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MAGNESIUM (MG) CONTENT	MAX 0.3 PPM PPM	0.005 PPM
Sample ID		
Tested 08/02/24		
Tester TBUR		
Recorded 08/02/24		
MANGANESE (MN) CONTENT	MAX 0.2 PPM %	0.001 PPM
Sample ID		
Tested 08/02/24		
Tester TBUR		
Recorded 08/02/24		
MERCURY (HG) CONTENT	MAX 5 PPB PPM	<5 PPB
Sample ID		
Tested 08/02/24		
Tester TBUR		
Recorded 08/02/24		
NICKEL (NI) CONTENT	MAX 0.05 PPM NICKEL	0.001 PPM
Sample ID		
Tested 08/02/24		
Tester TBUR		
Recorded 08/02/24		
POTASSIUM CONTENT	MAX 0.5 PPM PPM	0.002 PPM
Sample ID		
Tested 08/02/24		
Tester TBUR		
Recorded 08/02/24		
SODIUM CONTENT	MAX 0.5 PPM %	0.008 PPM
Sample ID		
Tested 08/02/24		
Tester TBUR		
Recorded 08/02/24		
TIN (SN) CONTENT	MAX 0.3 PPM PPM	0.001 PPM
Sample ID		
Tested 08/02/24		
Tester TBUR		
Recorded 08/02/24		
TITANIUM (TI) CONTENT	MAX 0.3 PPM PPM	0.001 PPM
Sample ID		
Tested 08/02/24		
Tester TBUR		
Recorded 08/02/24		



Aqua Solutions, Inc.
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 Website: www.aquasolutions.org

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ZINC (ZN) CONTENT

MAX 0.3 PPM
 PPM

0.003 PPM

Sample ID

Tested 08/02/24

Tester TBUR

Recorded 08/02/24

Lot # 421103

Made 07/29/24

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