



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

<b>Packaged Product:</b> N3805-2.5L			
NITRIC ACID 68-70% REAGENT ACS (2.5L) (NX0409-2)			
Test	Target/UOM	Range	Result
<b>APPEARANCE AND COLOR</b>	TO PASS TEST APPEARANCE		PASS
Sample ID			
Tested	08/07/23		
Tester	TBUR		
Recorded	08/07/23		
<b>ASSAY OF MATERIAL</b>	68.0% - 70.0% %		69.62%
Sample ID			
Tested	08/07/23		
Tester	TBUR		
Recorded	08/07/23		
<b>COLOR</b>	MAX 10 APHA PT-CO		<10 APHA
Sample ID			
Tested	08/07/23		
Tester	TBUR		
Recorded	08/07/23		
<b>RESIDUE OF IGNITION</b>	MAX 5 PPM RESIDUE IG		<5 PPM
Sample ID			
Tested	08/07/23		
Tester	TBUR		
Recorded	08/07/23		
<b>CHLORIDE CONTENT</b>	MAX 0.5 PPM PPM		<0.5 PPM
Sample ID			
Tested	08/07/23		
Tester	TBUR		
Recorded	08/07/23		
<b>PHOSPHATE CONTENT</b>	MAX 0.2 PPM PPM		<0.2 PPM
Sample ID			
Tested	08/07/23		
Tester	TBUR		
Recorded	08/07/23		
<b>SULFATE (SO4) CONTENT</b>	MAX 1 PPM MAX 60 MG/KG		<1 PPM
Sample ID			
Tested	08/07/23		
Tester	TBUR		
Recorded	08/07/23		
<b>ALUMINUM (AL) CONTENT</b>	MAX 0.2 PPM		0.005 PPM
Sample ID			
Tested	08/07/23		
Tester	TBUR		
Recorded	08/07/23		



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<b>ARSENIC CONTENT</b>	MAX 0.01 PPM	<0.01 PPM
	ARSENIC	
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	
<b>CALCIUM CONTENT</b>	MAX 0.2 PPM	0.021 PPM
	PPM	
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	
<b>CHROMIUM CONTENT</b>	MAX 0.1 PPM	0.001 PPM
	PPM	
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	
<b>COPPER (CU) CONTENT</b>	MAX 0.05 PPM	0.001 PPM
	COPPER	
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	
<b>GOLD (AU)</b>	MAX 0.3 PPM	0.001 PPM
	GOLD	
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	
<b>HEAVY METAL (AS PB)</b>	MAX 0.2 PPM	<0.2 PPM
	PPM	
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	
<b>IRON</b>	MAX 0.2 PPM	0.010 PPM
	PPM	
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	
<b>LEAD (PB) CONTENT</b>	MAX 0.1 PPM	0.001 PPM
	MG/L	
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	



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<b>MAGNESIUM (MG) CONTENT</b>	MAX 0.3 PPM PPM	0.005 PPM
Sample ID		
Tested 08/07/23		
Tester TBUR		
Recorded 08/07/23		
<b>MANGANESE (MN) CONTENT</b>	MAX 0.2 PPM %	0.001 PPM
Sample ID		
Tested 08/07/23		
Tester TBUR		
Recorded 08/07/23		
<b>MERCURY (HG) CONTENT</b>	MAX 5 PPB PPM	<5 PPB
Sample ID		
Tested 08/07/23		
Tester TBUR		
Recorded 08/07/23		
<b>NICKEL (NI) CONTENT</b>	MAX 0.05 PPM NICKEL	0.001 PPM
Sample ID		
Tested 08/07/23		
Tester TBUR		
Recorded 08/07/23		
<b>POTASSIUM CONTENT</b>	MAX 0.5 PPM PPM	0.003 PPM
Sample ID		
Tested 08/07/23		
Tester TBUR		
Recorded 08/07/23		
<b>SODIUM CONTENT</b>	MAX 0.5 PPM %	0.011 PPM
Sample ID		
Tested 08/07/23		
Tester TBUR		
Recorded 08/07/23		
<b>TIN (SN) CONTENT</b>	MAX 0.3 PPM PPM	0.001 PPM
Sample ID		
Tested 08/07/23		
Tester TBUR		
Recorded 08/07/23		
<b>TITANIUM (TI) CONTENT</b>	MAX 0.3 PPM PPM	0.001 PPM
Sample ID		
Tested 08/07/23		
Tester TBUR		
Recorded 08/07/23		



Aqua Solutions, Inc.  
 Ph: 281-479-2569  
 Fax: 281-479-2790  
 P.O. Box 70  
 Deer Park, TX 77536  
 Website: [www.aquasolutions.org](http://www.aquasolutions.org)

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<b>ZINC (ZN) CONTENT</b>	MAX 0.3 PPM PPM	0.001 PPM
Sample ID		
Tested	08/07/23	
Tester	TBUR	
Recorded	08/07/23	
<b>Lot #</b>	321609	
<b>Made</b>	08/04/23	

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**