



**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	01/19/23		
Tester	TBUR		
Recorded	01/19/23		
<b>ASSAY OF MATERIAL</b>	68.0% - 70.0% %		69.69%
Sample ID			
Tested	01/19/23		
Tester	TBUR		
Recorded	01/19/23		
<b>COLOR</b>	MAX 10 APHA PT-CO		<10 APHA
Sample ID			
Tested	01/19/23		
Tester	TBUR		
Recorded	01/19/23		
<b>RESIDUE OF IGNITION</b>	MAX 5 PPM RESIDUE IG		<5 PPM
Sample ID			
Tested	01/19/23		
Tester	TBUR		
Recorded	01/19/23		
<b>CHLORIDE CONTENT</b>	MAX 0.5 PPM PPM		<0.5 PPM
Sample ID			
Tested	01/19/23		
Tester	TBUR		
Recorded	01/19/23		
<b>PHOSPHATE CONTENT</b>	MAX 0.2 PPM PPM		<0.2 PPM
Sample ID			
Tested	01/19/23		
Tester	TBUR		
Recorded	01/19/23		
<b>SULFATE (SO4) CONTENT</b>	MAX 1 PPM MAX 60 MG/KG		<1 PPM
Sample ID			
Tested	01/19/23		
Tester	TBUR		
Recorded	01/19/23		
<b>ALUMINUM (AL) CONTENT</b>	MAX 0.2 PPM		0.009 PPM
Sample ID			
Tested	01/19/23		
Tester	TBUR		
Recorded	01/19/23		



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<b>ARSENIC CONTENT</b>	MAX 0.01 PPM	<0.01 PPM
	ARSENIC	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
<b>CALCIUM CONTENT</b>	MAX 0.2 PPM	0.029 PPM
	PPM	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
<b>CHROMIUM CONTENT</b>	MAX 0.1 PPM	0.001 PPM
	PPM	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
<b>COPPER (CU) CONTENT</b>	MAX 0.05 PPM	0.001 PPM
	COPPER	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
<b>GOLD (AU)</b>	MAX 0.3 PPM	0.001 PPM
	GOLD	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
<b>HEAVY METAL (AS PB)</b>	MAX 0.2 PPM	<0.2 PPM
	PPM	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
<b>IRON</b>	MAX 0.2 PPM	0.009 PPM
	PPM	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
<b>LEAD (PB) CONTENT</b>	MAX 0.1 PPM	0.001 PPM
	MG/L	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	



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**MAGNESIUM (MG) CONTENT** MAX 0.3 PPM 0.006 PPM  
 PPM

Sample ID  
 Tested 01/19/23  
 Tester TBUR  
 Recorded 01/19/23

**MANGANESE (MN) CONTENT** MAX 0.2 PPM 0.001 PPM  
 %

Sample ID  
 Tested 01/19/23  
 Tester TBUR  
 Recorded 01/19/23

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

Sample ID  
 Tested 01/19/23  
 Tester TBUR  
 Recorded 01/19/23

**NICKEL (NI) CONTENT** MAX 0.05 PPM 0.001 PPM  
 NICKEL

Sample ID  
 Tested 01/19/23  
 Tester TBUR  
 Recorded 01/19/23

**POTASSIUM CONTENT** MAX 0.5 PPM 0.004 PPM  
 PPM

Sample ID  
 Tested 01/19/23  
 Tester TBUR  
 Recorded 01/19/23

**SODIUM CONTENT** MAX 0.5 PPM 0.036 PPM  
 %

Sample ID  
 Tested 01/19/23  
 Tester TBUR  
 Recorded 01/19/23

**TIN (SN) CONTENT** MAX 0.3 PPM 0.001 PPM  
 PPM

Sample ID  
 Tested 01/19/23  
 Tester TBUR  
 Recorded 01/19/23

**TITANIUM (TI) CONTENT** MAX 0.3 PPM 0.001 PPM  
 PPM

Sample ID  
 Tested 01/19/23  
 Tester TBUR  
 Recorded 01/19/23



Aqua Solutions, Inc.  
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Customer PO # :

<b>ZINC (ZN) CONTENT</b>	MAX 0.3 PPM	0.002 PPM
	PPM	
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
<b>Lot #</b>	300603	
<b>Made</b>	01/06/23	

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**