

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

Packaged Product: N3810-2.5L			
NITRIC ACID 67-70.0% TRACE METAL (2.5L) (NX0407-4) (POLY BOTTLE)			
Test	Target/UOM	Range	Result
ASSAY OF MATERIAL	67% - 70% %		69%
Sample ID			
Tested 04/19/23			
Tester TBUR			
Recorded 04/19/23			
COLOR	MAX 10 APHA PT-CO		<7 APHA
Sample ID			
Tested 04/19/23			
Tester TBUR			
Recorded 04/19/23			
ALUMINUM (AL) CONTENT	MAX 1 PPB		<0.5 PPB
Sample ID			
Tested 04/19/23			
Tester TBUR			
Recorded 04/19/23			
ANTIMONY (SB)	MAX 0.1 PPB ANTIMON		<0.1 PPB
Sample ID			
Tested 04/19/23			
Tester TBUR			
Recorded 04/19/23			
ARSENIC CONTENT	MAX 0.1 PPB ARSENIC		<0.1 PPB
Sample ID			
Tested 04/19/23			
Tester TBUR			
Recorded 04/19/23			
BARIUM	MAX 0.1 PPB BARIUM		<0.1 PPB
Sample ID			
Tested 04/19/23			
Tester TBUR			
Recorded 04/19/23			
BERYLIUM	MAX 0.1 PPB BE		<0.1 PPB
Sample ID			
Tested 04/19/23			
Tester TBUR			
Recorded 04/19/23			
BISMUTH	MAX 0.1 PPB BISMUTH		<0.1 PPB
Sample ID			
Tested 04/19/23			
Tester TBUR			
Recorded 04/19/23			

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BORON (B)	MAX 1 PPB	<0.5 PPB
	BORON	
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
CADMIUM (CD)	MAX 0.1 PPB	<0.1 PPB
	CADMIUM	
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
CALCIUM CONTENT	MAX 0.5 PPB	<1 PPB
	PPM	
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
CHROMIUM CONTENT	MAX 1 PPB	<0.5 PPB
	PPM	
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
COBALT (CO) CONTENT	MAX 0.1 PPB	<0.1 PPB
	COBALT	
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
COPPER (CU) CONTENT	MAX 0.1 PPB	<0.1 PPB
	COPPER	
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
IRON	MAX 1 PPB	<0.5 PPB
	PPM	
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
LEAD (PB) CONTENT	MAX 0.1 PPB	<0.1 PPB
	MG/L	
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		

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LITHIUM (LI)	MAX 0.1 PPB PPM	<0.1 PPB
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
MAGNESIUM (MG) CONTENT	MAX 1 PPB PPM	<0.2 PPB
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
MANGANESE (MN) CONTENT	MAX 0.2 PPB %	<0.1 PPB
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
MERCURY (HG) CONTENT	MAX 0.2 PPM PPM	<0.02 PPB
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
MOLYBDENUM	MAX 0.1 PPB PPM	<0.1 PPB
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
NICKEL (NI) CONTENT	MAX 0.5 PPB NICKEL	<0.5 PPB
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
POTASSIUM CONTENT	MAX 0.2 PPB PPM	<0.1 PPB
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		
SELENIUM (AS SE)	MAX 0.1 PPB PPM	<0.2 PPB
Sample ID		
Tested 04/19/23		
Tester TBUR		
Recorded 04/19/23		

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SILVER (AG)	MAX 0.1 PPB PPM	<0.1 PPB
Sample ID		
Tested	04/19/23	
Tester	TBUR	
Recorded	04/19/23	
SODIUM CONTENT	MAX 0.2 PPB %	<0.5 PPB
Sample ID		
Tested	04/19/23	
Tester	TBUR	
Recorded	04/19/23	
STRONTIUM CONTENT	MAX 0.1 PPB %	<0.1 PPB
Sample ID		
Tested	04/19/23	
Tester	TBUR	
Recorded	04/19/23	
THORIUM	MAX 0.1 PPB PPM	<0.1 PPB
Sample ID		
Tested	04/19/23	
Tester	TBUR	
Recorded	04/19/23	
TIN (SN) CONTENT	MAX 0.1 PPB PPM	<0.1 PPB
Sample ID		
Tested	04/19/23	
Tester	TBUR	
Recorded	04/19/23	
TITANIUM (TI) CONTENT	MAX 0.1 PPB PPM	<0.1 PPB
Sample ID		
Tested	04/19/23	
Tester	TBUR	
Recorded	04/19/23	
URANIUM	MAX 0.1 PPB URANIUM	<0.1 PPB
Sample ID		
Tested	04/19/23	
Tester	TBUR	
Recorded	04/19/23	
VANADIUM	MAX 0.1 PPB PPM	<0.1 PPB
Sample ID		
Tested	04/19/23	
Tester	TBUR	
Recorded	04/19/23	



Aqua Solutions, Inc.
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Page: 5

Date: 04/19/23 at 12:11 PM

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ZINC (ZN) CONTENT

MAX 0.2 PPB
PPM

<0.5 PPB

Sample ID

Tested 04/19/23

Tester TBUR

Recorded 04/19/23

ZIRCONIUM

MAX 0.1 PPB
PPM

<0.1 PPB

Sample ID

Tested 04/19/23

Tester TBUR

Recorded 04/19/23

Lot # 310813

Made 04/18/23

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