



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

Packaged Product: N3810			
NITRIC ACID 67-70% SOLUTION (TRACE METAL)			
Test	Target/UOM	Range	Result
ASSAY OF MATERIAL	67-70%		69%
	%		
Sample ID			
Tested	06/22/23		
Tester	TBUR		
Recorded	06/22/23		
COLOR APHA	MAX 7 APHA		<7 APHA
	COLOR APHA		
Sample ID			
Tested	06/22/23		
Tester	TBUR		
Recorded	06/22/23		
ALUMINUM (AL) CONTENT	MAX 1 PPB		<0.5 PPB
Sample ID			
Tested	06/22/23		
Tester	TBUR		
Recorded	06/22/23		
ANTIMONY (SB)	MAX 0.5 PPB		<0.1 PPB
	ANTIMON		
Sample ID			
Tested	06/22/23		
Tester	TBUR		
Recorded	06/22/23		
ARSENIC CONTENT	MAX 0.5 PPB		<0.1 PPB
	ARSENIC		
Sample ID			
Tested	06/22/23		
Tester	TBUR		
Recorded	06/22/23		
BARIUM	MAX 0.1 PPB		<0.1 PPB
	BARIUM		
Sample ID			
Tested	06/22/23		
Tester	TBUR		
Recorded	06/22/23		
BERYLLIUM	MAX 0.1 PPB		<0.1 PPB
	BE		
Sample ID			
Tested	06/22/23		
Tester	TBUR		
Recorded	06/22/23		
BISMUTH	MAX 0.1 PPB		<0.1 PPB
	BISMUTH		
Sample ID			
Tested	06/22/23		
Tester	TBUR		
Recorded	06/22/23		



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BORON (B)	MAX 1 PPB	<0.5 PPB
	BORON	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
CADMIUM (CD)	MAX 0.5 PPB	<0.1 PPB
	CADMIUM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
CALCIUM CONTENT	MAX 1 PPB	<1 PPB
	PPM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
CHROMIUM CONTENT	MAX 1 PPB	<0.5 PPB
	PPM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
COBALT (CO) CONTENT	MAX 0.5 PPB	<0.1 PPB
	COBALT	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
COPPER (CU) CONTENT	MAX 0.5 PPB	<0.1 PPB
	COPPER	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
IRON	MAX 1 PPB	<0.5 PPB
	PPM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
LEAD (PB) CONTENT	MAX 0.1 PPB	<0.1 PPB
	MG/L	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
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LITHIUM (LI) MAX 0.1 PPB <0.1 PPB
 PPM

Sample ID
 Tested 06/22/23
 Tester TBUR
 Recorded 06/22/23

MAGNESIUM (MG) CONTENT MAX 1 PPB <0.2 PPB
 PPM

Sample ID
 Tested 06/22/23
 Tester TBUR
 Recorded 06/22/23

MANGANESE (MN) CONTENT MAX 0.1 PPB <0.1 PPB
 %

Sample ID
 Tested 06/22/23
 Tester TBUR
 Recorded 06/22/23

MERCURY (HG) CONTENT MAX 0.1 PPB <0.02 PPB
 PPM

Sample ID
 Tested 06/22/23
 Tester TBUR
 Recorded 06/22/23

MOLYBDENUM MAX 0.1 PPB <0.1 PPB
 PPM

Sample ID
 Tested 06/22/23
 Tester TBUR
 Recorded 06/22/23

NICKEL (NI) CONTENT MAX 0.5 PPB <0.5 PPB
 NICKEL

Sample ID
 Tested 06/22/23
 Tester TBUR
 Recorded 06/22/23

POTASSIUM CONTENT MAX 1 PPB <0.1 PPB
 PPM

Sample ID
 Tested 06/22/23
 Tester TBUR
 Recorded 06/22/23

SELENIUM (AS SE) MAX 1 PPB <0.2 PPB
 PPM

Sample ID
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 Tester TBUR
 Recorded 06/22/23



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SILVER (AG)	MAX 0.1 PPB	<0.1 PPB
	PPM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
SODIUM CONTENT	MAX 1 PPB	<0.5 PPB
	%	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
STRONTIUM CONTENT	MAX 0.1 PPB	<0.1 PPB
	%	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
THORIUM	MAX 0.1 PPB	<0.1 PPB
	PPM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
TIN (SN) CONTENT	MAX 0.5 PPB	<0.1 PPB
	PPM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
TITANIUM (TI) CONTENT	MAX 0.5 PPB	<0.1 PPB
	PPM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
URANIUM	MAX 0.1 PPB	<0.1 PPB
	URANIUM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
VANADIUM	MAX 0.5 PPB	<0.1 PPB
	PPM	
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	



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 Deer Park, TX 77536
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ZINC (ZN) CONTENT	MAX 0.5 PPB PPM	<0.5 PPB
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
ZIRCONIUM	MAX 0.1 PPB PPM	<0.1 PPB
Sample ID		
Tested	06/22/23	
Tester	TBUR	
Recorded	06/22/23	
Lot #	317218	
Made	06/21/23	

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