

Date: 10/24/24 at 2:41 PM

Aqua Solutions, Inc. 6913 Highway 225 Deer Park, TX, 77536 281/479-2569

Certificate of Analysis / QC Results

Customer PO #:

Packaged Product:				
	NITRIC	ACID 68-70% REAGENT ACS	(2.5L) (NX0409-2)	
Test		Target/UOM	Range	Result
APPEARANCE AND CO	LOR	TO PASS TEST		PASS
		APPEARANCE		
Sample ID				
Tested	10/24/24			
Tester	TBUR			
Recorded	10/24/24			
ASSAY OF MATERIAL		68.0% - 70.0%		69.92%
		%		
Sample ID				
Tested	10/24/24			
Tester	TBUR			
Recorded	10/24/24			
COLOR		MAX 10 APHA		<10 APHA
		PT-CO		210711111
Sample ID		1100		
·	10/04/04			
Tested	10/24/24			
Tester	TBUR			
Recorded	10/24/24			
RESIDUE OF IGNITION		MAX 5 PPM		<5 PPM
		RESIDUE IG		
Sample ID				
Tested	10/24/24			
Tester	TBUR			
Recorded	10/24/24			
CHLORIDE CONTENT		MAX 0.5 PPM		<0.5 PPM
		PPM		
Sample ID				
Tested	10/24/24			
Tester	TBUR			
Recorded	10/24/24			
		MAX 0.2 PPM		-0 00 DDM
PHOSPHATE CONTENT				<0.02 PPM
<u>=</u>		PPM		
Sample ID				
Tested	10/24/24			
Tester	TBUR			
Recorded	10/24/24			
SULFATE (SO4) CONTE	NT	MAX 1 PPM		<1 PPM
		MG/KG		
Sample ID				
Tested	10/24/24			
Tester	TBUR			
Recorded	10/24/24			
ALUMINUM (AL) CONTE		MAX 0.2 PPM		0.004 PPM
cimitom (AL) CONTI		PPM		3.00 T I IWI
Sample ID				
	10/04/04			
Tested	10/24/24			
Tester	TBUR			
Recorded	10/24/24			



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ARSENIC CONTENT MAX 0.01 PPM PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 CALCIUM CONTENT Fested 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 CHROMIUM CONTENT PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 TESTER TBUR			Customer PO #:	
Tested 10/24/24 Tester TBUR Recorded 10/24/24 CALCIUM CONTENT	ARSENIC CONTENT			<0.01 PPM
Recorded 10/24/24	Tested			
Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR TB	Recorded		MAX 0.2 PPM	0.019 PPM
Tested 10/24/24 Tester TBUR Recorded 10/24/24 CHROMIUM CONTENT			PPM	
Tester		10/04/04		
Recorded 10/24/24 CHROMIUM CONTENT MAX 0.1 PPM				
MAX 0.1 PPM PPM				
PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR PPM O.001 PPM PPM O.		10/24/24	MAX 0.1 PPM	0.001 PPM
Tested 10/24/24 Tester TBUR Recorded 10/24/24 COPPER (CU) CONTENT MAX 0.05 PPM PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24				
Tester TBUR Recorded 10/24/24 COPPER (CU) CONTENT MAX 0.05 PPM PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 GOLD (AU) Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24	Sample ID			
Recorded 10/24/24 COPPER (CU) CONTENT	Tested	10/24/24		
COPPER (CU) CONTENT				
PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 GOLD (AU) Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24			MAY 0 0 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	0 00 / BBV
Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 GOLD (AU) MAX 0.3 PPM PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Recorded 10/24/24 Tester TBUR Recorded 10/24/24	COPPER (CU) CONTEN	Т		0.001 PPM
Tested 10/24/24 Tester TBUR Recorded 10/24/24 GOLD (AU) MAX 0.3 PPM PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Recorded 10/24/24 Tester TBUR Recorded 10/24/24	Sample ID		FFIVI	
Tester TBUR Recorded 10/24/24 GOLD (AU) MAX 0.3 PPM 0.001 PPM PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24 Tester TBUR Recorded 10/24/24		10/24/24		
Recorded 10/24/24 GOLD (AU)				
GOLD (AU) MAX 0.3 PPM PPM Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24				
Sample ID Tested 10/24/24 Tester TBUR Recorded 10/24/24			MAX 0.3 PPM	0.001 PPM
Tested 10/24/24 Tester TBUR Recorded 10/24/24			PPM	
Tester TBUR Recorded 10/24/24	-			
Recorded 10/24/24				
HEAVY METAL (AS PB) MAX 0.2 PPM <0.2 PPM			MAY 0.2 DDM	-0.2 PPM
PPM	HEAVT WETAL (AS PB)			<0.2 FF WI
Sample ID	Sample ID			
Tested 10/24/24	Tested	10/24/24		
Tester TBUR	Tester			
Recorded 10/24/24		10/24/24		
IRON MAX 0.2 PPM 0.006 PPM PPM 0.006 PPM				0.006 PPM
Sample ID				
Tested 10/24/24				
Tester TBUR				
Recorded 10/24/24 LEAD (PB) CONTENT MAX 0.1 PPM 0.001		10/24/24	MAY 0.1 PPM	0.001 PPM
MG/L	LEAD (1 D) CONTENT			0.0011111
Sample ID	Sample ID			
Tested 10/24/24		10/24/24		
Tester TBUR				
Recorded 10/24/24	Recorded	10/24/24		



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		Customer PO #:	
MAGNESIUM (MG) COI	NTENT	MAX 0.3 PPM PPM	0.001 PPM
Sample ID			
Tested	10/24/24		
Tester	TBUR		
Recorded	10/24/24		
MANGANESE (MN) CO	NTENT	MAX 0.2 PPM	0.001 PPM
		%	
Sample ID			
Tested	10/24/24		
Tester	TBUR		
Recorded	10/24/24		
MERCURY (HG) CONTI	ENT	MAX 5 PPB PPM	<5 PPB
Sample ID			
Tested	10/24/24		
Tester	TBUR		
Recorded	10/24/24		
NICKEL (NI) CONTENT		MAX 0.05 PPM PPM	0.001 PPM
Sample ID		1 1 101	
Tested	10/24/24		
Tester	TBUR		
Recorded	10/24/24		
POTASSIUM CONTENT		MAX 0.5 PPM	0.001 PPM
		PPM	0.001 FFW
Sample ID			
Tested	10/24/24		
Tester	TBUR		
Recorded	10/24/24		
SODIUM CONTENT		MAX 0.5 PPM	0.004 PPM
		%	
Sample ID			
Tested	10/24/24		
Tester	TBUR		
Recorded	10/24/24		
TIN (SN) CONTENT		MAX 0.3 PPM PPM	0.001 PPM
Sample ID			
Tested	10/24/24		
Tester	TBUR		
Recorded	10/24/24		
TITANIUM (TI) CONTEN	IT	MAX 0.3 PPM PPM	0.001 PPM
Sample ID			
Tested	10/24/24		
Tester	TBUR		
Recorded	10/24/24		

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Customer PO #:

ZINC (ZN) CONTENT MAX 0.3 PPM 0.001 PPM
PPM

Sample ID

Tested 10/24/24
Tester TBUR
Recorded 10/24/24

Lot # 429701 Made 10/23/24

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