

Date: 05/11/23 at 2:17 PM

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

Customer PO #:

	NITRIC	ACID 68-70% REAGENT ACS	(Z.5L) (NXU4U9-Z)	
Test		Target/UOM	Range	Result
APPEARANCE AND COLOR		TO PASS TEST		PASSES TEST
		APPEARANCE		
Sa	ample ID			
Te	ested 05/11/23			
Te	ester TBUR			
Re	ecorded 05/11/23			
ASSAY OF MA	TERIAL	68.0% - 70.0%		69.55%
		%		
Sa	ample ID			
	ested 05/11/23			
	ester TBUR			
	ecorded 05/11/23			
COLOR		MAX 10 APHA		<10 APHA
		PT-CO		
S	ample ID			
	ested 05/11/23			
	ester TBUR			
	ecorded 05/11/23			
RESIDUE OF I		MAX 5 PPM		<5 PPM
ILOIDOL OI I	ani non	RESIDUE IG		2011 W
C.	ample ID	TESIDOL IG		
	ample ID ested 05/11/23			
	ester TBUR			
	ecorded 05/11/23	MAX 0.5 PPM		O E DDM
CHLORIDE CO	DNIENI			<0.5 PPM
_		PPM		
	ample ID			
	ested 05/11/23			
	ester TBUR			
	ecorded 05/11/23			
PHOSPHATE C	CONTENT	MAX 0.2 PPM		<0.2 PPM
		PPM		
Sa	ample ID			
Te	ested 05/11/23			
	ester TBUR			
	ecorded 05/11/23			
SULFATE (SO	4) CONTENT	MAX 1 PPM		<1 PPM
		MAX 60 MG/KG		
Sa	ample ID			
	ested 05/11/23			
Te	ester TBUR			
Re	ecorded 05/11/23			
ALUMINUM (A		MAX 0.2 PPM		0.007 PPM
	ample ID			
	ested 05/11/23			
	ester TBUR			
	ecorded 05/11/23			



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	Customer PO # :							
ARSENIC CONTENT		MAX 0.01 PPM ARSENIC		<0.01 PPM				
Sample ID								
Tested	05/11/23							
Tester	TBUR							
Recorded	05/11/23							
CALCIUM CONTENT		MAX 0.2 PPM PPM		0.031 PPM				
Sample ID								
Tested	05/11/23							
Tester	TBUR							
Recorded	05/11/23							
CHROMIUM CONTENT		MAX 0.1 PPM PPM		0.002 PPM				
Sample ID								
Tested	05/11/23							
Tester	TBUR							
Recorded	05/11/23	141V 0 05 DD14		0.004 BBM				
COPPER (CU) CONTEN	Т	MAX 0.05 PPM COPPER		0.001 PPM				
Sample ID								
Tested	05/11/23							
Tester	TBUR							
Recorded	05/11/23			0.004 BBM				
GOLD (AU)		MAX 0.3 PPM GOLD		0.001 PPM				
Sample ID								
Tested	05/11/23							
Tester	TBUR							
Recorded	05/11/23	MAYAADDM		.0 0 DDM				
HEAVY METAL (AS PB)		MAX 0.2 PPM PPM		<0.2 PPM				
Sample ID								
Tested	05/11/23							
Tester	TBUR							
Recorded	05/11/23			0.010 DDM				
IRON		MAX 0.2 PPM PPM		0.010 PPM				
Sample ID								
Tested	05/11/23							
Tester	TBUR							
Recorded	05/11/23	1414040400		0.004 BBM				
LEAD (PB) CONTENT		MAX 0.1 PPM MG/L		0.001 PPM				
Sample ID								
Tested	05/11/23							
Tester	TBUR							
Recorded	05/11/23							



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Customer DO

		Cu	stomer PO # :	
MAGNESIUM (MG) CON	ITENT	MAX 0.3 PPM PPM		0.007 PPM
Sample ID				
Tested	05/11/23			
Tester	TBUR			
Recorded	05/11/23			
MANGANESE (MN) CON	NTENT	MAX 0.2 PPM		0.001 PPM
		%		
Sample ID				
Tested	05/11/23			
Tester	TBUR			
Recorded	05/11/23			
MERCURY (HG) CONTE	NT	MAX 5 PPB		<5 PPB
		PPM		
Sample ID				
Tested	05/11/23			
Tester	TBUR			
Recorded	05/11/23			
NICKEL (NI) CONTENT		MAX 0.05 PPM		0.001 PPM
		NICKEL		
Sample ID				
Tested	05/11/23			
Tester	TBUR			
Recorded	05/11/23			
POTASSIUM CONTENT		MAX 0.5 PPM		0.010 PPM
		PPM		
Sample ID				
Tested	05/11/23			
Tester	TBUR			
Recorded	05/11/23			
SODIUM CONTENT		MAX 0.5 PPM		0.024 PPM
		%		
Sample ID				
Tested	05/11/23			
Tester	TBUR			
Recorded	05/11/23			
TIN (SN) CONTENT	03/11/23	MAX 0.3 PPM		0.006 PPM
THE (OIL) CONTENT		PPM		0.000 1 1 W
Sample ID				
Tested	05/11/23			
Tester	TBUR			
Recorded	05/11/23			
TITANIUM (TI) CONTEN		MAX 0.3 PPM		0.001 PPM
, (11) 00111211	-	PPM		0.00111191
Sample ID		1 1 141		
Tested	05/11/23			
Tester	05/11/23 TBUR			
Recorded	05/11/23			
necorded	03/11/23			

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ZINC (ZN) CONTENTMAX 0.3 PPM

PPM

0.002 PPM

Sample ID

Tested 05/11/23
Tester TBUR
Recorded 05/11/23

Lot # 312103 Made 05/01/23

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