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

# **Certificate of Analysis / QC Results**

Customer PO #:

NITRIC   ACID   67-70.0	Packaged Product	: N3810-2	.5L		
Sample ID	<b>J</b>		ACID 67-70.0% TRACE MET	AL(2.5L)(NX0407-4)(POLY	BOTTLE
Sample ID	Test			Range	Result
Sample   D	ASSAY OF MATERIAL		67% - 70%		69%
Tested   02/13/23			%		
Tester   TBUR   Recorded   PT-CO					
Recorded   02/13/23					
MAX 10 APHA   PT-CO					
PT-CO   Sample ID   Tested   02/13/23   Tester   TBUR   PR-COrded   02/13/23		02/13/23	MAN 40 ADUA		7 4 0 1 4
Sample ID   Tested   02/13/23   Tester   TBUR   Recorded   02/13/23   TESTER   TBUR   TESTER   02/13/23   TE	COLOR				APHA</td
Tested   D2/13/23   Tester   TBUR   Recorded   D2/13/23	Comple ID		PT-CO		
Tester					
Recorded   02/13/23					
UMINUM (AL) CONTENT         MAX 1 PPB         <0.5 PPB					
Sample   D   Tested   O2/13/23   Tester   TBUR   Recorded   O2/13/23   TBMONY (SB)   MAX 0.1 PPB   ANTIMON   O2/13/23   TESTER   TBUR   TESTER   TESTER   TESTER   TBUR   TESTER			MAX 1 PPB		<0.5 PPB
Tested 02/13/23 Tester TBUR Recorded 02/13/23 TIMONY (SB)					70.011 D
Tester Recorded 02/13/23  TIMONY (SB)					
Recorded   02/13/23   MAX 0.1 PPB					
MAX 0.1 PPB					
ANTIMON Sample ID Tested 02/13/23 Tester TBUR Recorded 02/13/23  SENIC CONTENT MAX 0.1 PPB ARSENIC  Sample ID Tested 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR Recorded 02/13/23  RIUM Sample ID Tested 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR BARIUM Sample ID Tested 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR	ANTIMONY (SB)	-	MAX 0.1 PPB		<0.1 PPB
Tested 02/13/23 Tester TBUR Recorded 02/13/23  SENIC CONTENT MAX 0.1 PPB	` ,				
Tested 02/13/23 Tester TBUR Recorded 02/13/23  SENIC CONTENT MAX 0.1 PPB	Sample ID				
Tester   TBUR   Recorded   02/13/23					
MAX 0.1 PPB   ARSENIC	Tester				
Sample ID   Tested   02/13/23     Tester   TBUR   Recorded   02/13/23   Tester   TBUR   TSUR   TSU	Recorded	02/13/23			
Sample ID   Tested   02/13/23   Tester   TBUR   Recorded   02/13/23	ARSENIC CONTENT				<0.1 PPB
Tested 02/13/23 Tester TBUR Recorded 02/13/23  IRIUM			ARSENIC		
Tester   TBUR   Recorded   02/13/23	Sample ID				
RIUM	Tested				
### MAX 0.1 PPB BARIUM    Sample ID   Tested   02/13/23					
Sample ID   Tested   02/13/23     Tester   TBUR   Recorded   02/13/23		02/13/23			
Sample ID Tested 02/13/23 Tester TBUR Recorded 02/13/23  RYLIUM RECORDED MAX 0.1 PPB BE  Sample ID Tested 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR Recorded 02/13/23 SMUTH Sample ID Tested 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR Tested 02/13/23 Tester TBUR Tested 02/13/23 Tester TBUR	BARIUM				<0.1 PPB
Tested 02/13/23 Tester TBUR Recorded 02/13/23  RYLIUM RYLIUM RECORDED 02/13/23  SAMPLE ID Tested 02/13/23 Tester TBUR Recorded 02/13/23 Tester TBUR Recorded 02/13/23  SMUTH SAMPLE ID Tested 02/13/23 Tester TBUR			BARIUM		
Tester TBUR Recorded 02/13/23  RYVLIUM					
RYLIUM RECORDED RECOR					
RYLIUM					
BE  Sample ID  Tested 02/13/23  Tester TBUR  Recorded 02/13/23  SMUTH  MAX 0.1 PPB  BISMUTH  Sample ID  Tested 02/13/23  Tester TBUR		02/13/23	MAY 0.4 DDD		0.4.000
Sample ID Tested 02/13/23 Tester TBUR Recorded 02/13/23  SMUTH  MAX 0.1 PPB BISMUTH  Sample ID Tested 02/13/23 Tester TBUR	BEKYLIUM				<0.1 PPB
Tested 02/13/23 Tester TBUR Recorded 02/13/23  SMUTH  MAX 0.1 PPB BISMUTH  Sample ID Tested 02/13/23 Tester TBUR	0		BE		
Tester TBUR Recorded 02/13/23  SMUTH					
Recorded 02/13/23  SMUTH					
MAX 0.1 PPB  BISMUTH  Sample ID  Tested 02/13/23 Tester TBUR					
BISMUTH Sample ID Tested 02/13/23 Tester TBUR		02/13/23	MAX 0 1 PPR		√0 1 PPR
Sample ID Tested 02/13/23 Tester TBUR	ZIOMO III				\0.111 B
Tested 02/13/23 Tester TBUR	Sample ID		DIGMOTTI		
Tester TBUR					
	110001000	32, . 3, 20			



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#### Customer PO # :

		Customer PO # :	
BORON (B)		MAX 1 PPB BORON	<0.5 PPB
Sample ID			
Tested	02/13/23		
Tester	TBUR		
Recorded	02/13/23		
CADMIUM (CD)		MAX 0.1 PPB	<0.1 PPB
		CADMIUM	
Sample ID			
Tested	02/13/23		
Tester	TBUR		
Recorded	02/13/23		
CALCIUM CONTENT		MAX 0.5 PPB	<1 PPB
		PPM	
Sample ID			
Tested	02/13/23		
Tester	TBUR		
Recorded	02/13/23		
CHROMIUM CONTENT		MAX 1 PPB	<0.5 PPB
		PPM	
Sample ID			
Tested	02/13/23		
Tester	TBUR		
Recorded	02/13/23		
COBALT (CO) CONTEN	Т	MAX 0.1 PPB	<0.1 PPB
		COBALT	
Sample ID			
Tested	02/13/23		
Tester	TBUR		
Recorded	02/13/23		
COPPER (CU) CONTEN	Т	MAX 0.1 PPB COPPER	<0.1 PPB
Sample ID			
Tested	02/13/23		
Tester	TBUR		
Recorded	02/13/23		
IRON		MAX 1 PPB PPM	<0.5 PPB
Sample ID			
Tested	02/13/23		
Tester	TBUR		
Recorded	02/13/23		
LEAD (PB) CONTENT		MAX 0.1 PPB	<0.1 PPB
		MG/L	
Sample ID			
Tested	02/13/23		
Tester	TBUR		
Recorded	02/13/23		
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#### Customer PO #:

		Custom	er PO # :	
LITHIUM (LI)		MAX 0.1 PPB PPM	<0.1. PPB	1
Sample ID Tested	02/13/23			
Tester	TBUR			
Recorded	02/13/23			
MAGNESIUM (MG) CON	NTENT	MAX 1 PPB	<0.2 PPB	
		PPM		
Sample ID				
Tested	02/13/23			
Tester	TBUR			
Recorded	02/13/23	MAY O O DDD	0.1 DDD	
MANGANESE (MN) CO	NIENI	MAX 0.2 PPB %	<0.1 PPB	
Sample ID		76		
Tested	02/13/23			
Tester	TBUR			
Recorded	02/13/23			
MERCURY (HG) CONTE		MAX 0.2 PPM	<0.02 PPE	3
		PPM		
Sample ID				
Tested	02/13/23			
Tester	TBUR			
Recorded	02/13/23	MAY 0.4 DDD	0.4.000	
MOLYBDENUM		MAX 0.1 PPB PPM	<0.1 PPB	
Sample ID				
Tested	02/13/23			
Tester	TBUR			
Recorded	02/13/23			
NICKEL (NI) CONTENT		MAX 0.5 PPB NICKEL	<0.5 PPB	
Sample ID				
Tested	02/13/23			
Tester	TBUR			
Recorded	02/13/23	MAY O O DDD	<0.1 PPB	
POTASSIUM CONTENT		MAX 0.2 PPB PPM	<0.1 PPB	
Sample ID				
Tested	02/13/23			
Tester	TBUR			
Recorded	02/13/23		0.0000	
SELENIUM ( AS SE)		MAX 0.1 PPB PPM	<0.2 PPB	
Sample ID		FFIVI		
Tested	02/13/23			
Tester	TBUR			
Recorded	02/13/23			
1	-			



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#### Customer PO #:

			Cu	stomer PO # :	
SILVER (AG	i)		MAX 0.1 PPB PPM		<0.1 PPB
	Sample ID				
	Tested	02/13/23			
	Tester	TBUR			
	Recorded	02/13/23			
SODIUM CO			MAX 0.2 PPB		<0.5 PPB
			%		
	Sample ID				
	Tested	02/13/23			
	Tester	TBUR			
	Recorded	02/13/23			
STRONTIUM	<b>II CONTENT</b>		MAX 0.1 PPB		<0.1 PPB
			%		
	Sample ID				
	Tested	02/13/23			
	Tester	TBUR			
	Recorded	02/13/23			
THORIUM			MAX 0.1 PPB		<0.1 PPB
			PPM		
	Sample ID				
	Tested	02/13/23			
	Tester	TBUR			
	Recorded	02/13/23			
TIN (SN) CC	NTENT		MAX 0.1 PPB		<0.1 PPB
			PPM		
	Sample ID				
	Tested	02/13/23			
	Tester	TBUR			
	Recorded	02/13/23			
TITANIUM (	TI) CONTEN	Т	MAX 0.1 PPB		<0.1 PPB
			PPM		
	Sample ID				
	Tested	02/13/23			
	Tester	TBUR			
	Recorded	02/13/23			
URANIUM			MAX 0.1 PPB		<0.1 PPB
			URANIUM		
	Sample ID				
	Tested	02/13/23			
	Tester	TBUR			1
	Recorded	02/13/23			
VANADIUM			MAX 0.1 PPB		<0.1 PPB
			PPM		I
	Sample ID				1
	Tested	02/13/23			
	Tester	TBUR			1
	Recorded	02/13/23			1

02/10/23

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Customer PO # :

ZINC (ZN) CONTENT		MAX 0.2 PPB PPM	<0.5 PPB
Sample ID Tested Tester Recorded	02/13/23 TBUR 02/13/23	FFINI	
ZIRCONIUM		MAX 0.1 PPB PPM	<0.1 PPB
Sample ID Tested Tester Recorded	02/13/23 TBUR 02/13/23		
<b>Lot #</b> 30410	1		

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**