



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

Packaged Product: CHA056
 NITRIC ACID 70% SEMI GRADE 2 (590lb drum)

Lot # 301901

Chemical Product: N3812
 NITRIC ACID SEMI GRADE 2 (590lb drum)

Test	Target/UOM	Range	Result
APPEARANCE AND COLOR	CLEAR COLORLESS LIQUID APPEARANCE		PASSES TEST
Sample ID			
Tested	01/20/23		
Tester	SNEL		
Recorded	01/20/23		
COLOR (APHA)	10 MAX NUMERICAL		0 APHA
Sample ID			
Tested	01/20/23		
Tester	SNEL		
Recorded	01/20/23		
Arsenic (As)	10 PPB MAX PPB		< 0.1 PPB
Sample ID			
Tested	01/20/23		
Tester	SNEL		
Recorded	01/20/23		
Barium (Ba)	10 PPB MAX PPB		< 0.05PPB
Sample ID			
Tested	01/20/23		
Tester	SNEL		
Recorded	01/20/23		
Beryllium (Be)	10 PPB MAX PPB		< 0.06 PPB
Sample ID			
Tested	01/20/23		
Tester	SNEL		
Recorded	01/20/23		
Bismuth (Bi)	10 PPB MAX PPB		< 0.02 PPB
Sample ID			
Tested	01/20/23		
Tester	SNEL		
Recorded	01/20/23		
Boron (B)	10 PPB MAX PPB		< 0.3 PPB
Sample ID			
Tested	01/20/23		
Tester	SNEL		
Recorded	01/20/23		



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

Certificate of Analysis / QC Results

Customer PO # :

Calcium (Ca)	10 PPB MAX PPB	< 2 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Chromium (Cr)	10 PPB MAX PPB	0.07 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Cobalt (Co)	10 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Copper (Cu)	10 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Gallium (Ga)	10 PPB MAX PPB	< 0.02 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Lead (Pb)	10 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Magnesium (Mg)	10 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Manganese (Mn)	10 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	



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

Molybdenum (Mo)	10 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Nickel (Ni)	10 PPB MAX PPB	< 0.1 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Niobium (Nb)	10 PPB MAX PPB	< 0.02 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Silver (Ag)	10 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Strontium (Sr)	10 PPB MAX PPB	< 0.02 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Tantalum (Ta)	10 PPB MAX PPB	< 0.02 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Thallium (Tl)	10 PPB MAX PPB	< 0.02 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Tin (Sn)	10 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	



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

Titanium (Ti)	10 PPB MAX PPB	< 0.3 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Vanadium (V)	10 PPB MAX PPB	< 0.02 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Zinc (Zn)	10 PPB MAX PPB	< 2 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Zirconium (Zr)	10 PPB MAX PPB	< 0.02 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Phosphate (PO4)	200 PPB MAX PPB	< 25 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Aluminum (Al)	5 PPB MAX PPB	< 0.3 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Antimony (Sb)	5 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Cadmium (Cd)	5 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	



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

Certificate of Analysis / QC Results

Customer PO # :

Germanium (Ge)	5 PPB MAX PPB	< 0.07 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Gold (Au)	5 PPB MAX PPB	< 0.2 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Iron (Fe)	5 PPB MAX PPB	0.4 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Lithium (Li)	5 PPB MAX PPB	< 0.05 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Potassium (K)	5 PPB MAX PPB	< 0.6 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Sodium (Na)	5 PPB MAX PPB	< 1 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Sulfate (SO4)	500 PPB MAX PPB	< 25 PPB
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	
Assay Nitric Acid (HNO3)	69.0 - 70.0% W/W%	69.6%
Sample ID		
Tested	01/20/23	
Tester	SNEL	
Recorded	01/20/23	

