

Assured Bio Labs, LLC

Water Analysis Report

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REVIEWED

By Edward A. Sobek Ph.D at 5:43 pm, Sep 01, 2017

Date Collected:

Project Name:

Date Received:

Project Number:

Date Reported:

Assured Bio ID:

Analyst:

Sample Number:

Sample Description:

Sample Condition:

Sample Type:

Coliform/*E. coli* Analysis Information:

Incubation Temperature:

Media:

Test Results:

Coliforms*	
<i>E. coli</i> *	

Nitrate (as Nitrogen)*	
Nitrite (as Nitrogen)*	
Lead*	

Optional Tests Available:

Alkalinity	
Aluminum	
Ammonia*	
Arsenic	
Barium	
Boron	
Bromine	
Cadmium	
Chloride	
Chlorine, Free*	
Chlorine, Total*	
Chromium, Hexavalent*	
Copper	

Fluoride*	
Hardness	
Iron*	
Manganese*	
Monochloramine	
Nickel	
pH*	
Phosphorus (Ortho)*	
Sulfate*	
Sulfide*	
Total Suspended Solids	
Turbidity	
Zinc*	

*EPA Approved Method Used

See Reference Table on Page 2

Reference Table

Contaminants	Maximum Contaminant Levels	Range of Detection
Aluminum	0.2 ppm	0.02 - 0.5 ppm
Ammonia	No Published Standard	0.015 - 2.0 ppm
Arsenic	0.01 ppm	0.002 - 0.3 ppm
Barium	2.0 ppm	2.0 - 10,000 ppm
Boron	2.4 ppm	0.05 - 2.5 ppm
Bromine	No Published Standard	0.05 - 4.50 ppm
Cadmium	0.005 ppm	**0.005 - 0.3 ppm
Chloride	250 ppm	0.1 - 25.0 ppm
Chlorine, Free	4.0 ppm	0.05 - 2.0 ppm
Chlorine, Total	No Published Standard	0.05 - 2.0 ppm
Chromium, Hexavalent	0.1 ppm (Total)	0.01 - 0.7 ppm
Coliforms:	0 CFU/L	10 CFU/L - No Upper Limit
<i>E. coli</i>	0 CFU/L	10 CFU/L - No Upper Limit
Copper	1.3 ppm (Primary) 1.0 ppm (Secondary)	0.1 - 8.0 ppm
Fluoride	4.0 ppm (Primary) 2.0 ppm (Secondary)	0.1 - 2.5 ppm
Hardness	No Published Standard	17.1 ppm - No Upper Limit
Iron	0.3 ppm	0.02 - 3.0 ppm
Lead	0 ppm (Action Level 0.015 ppm)	0.003 - 0.3 ppm
Manganese	0.05 ppm	**0.05 - 20.0 ppm
Monochloramine	4.0 ppm	0.1 - 10.0 ppm
Nickel	0.1 ppm	0.1 - 6.0 ppm
Nitrate (as Nitrogen)	10 ppm	0.23 - 13.50 ppm
Nitrite (as Nitrogen)	1 ppm	0.015 - 1.2 ppm
pH	6.5 - 8.5	0 - 14
Phosphorus (Ortho)	No Published Standard	0.06 - 5.0 ppm
Sulfate	250 ppm	150 - 900 ppm
Sulfide	No Published Standard	0.005 - 0.8 ppm
Total Suspended Solids	No Published Standard	5 - 750 ppm
Alkalinity	No Published Standard	25 - 400 ppm
Turbidity	No Published Standard	5 - 200 JTU
Zinc	5 ppm	0.01 - 5.0 ppm

This chart serves as a reference to the maximum of containment levels set forth by the EPA or WHO. It is not a representation of your samples, but a guide to assist in the interpretation of your results. Please consult your local and state regulations.

**Evaporation method used to concentrate water sample.

Please contact us with any questions about methods used or for data interpretation.

Abbreviations:	
BDL	Below Detectable Limits
CFU	Colony Forming Units
JTU	Jackson Turbidity Units
N/A	Not Applicable
ppm	Parts Per Million (mg/L)

