

simplelab

SVKP4Z

CLIENT INFORMATION

Client: Vitev LLC
Requested On: Nov 29, 2021
Phone:
Email: contact@vitev.com

Keystone Labs Newton - East 17th
600 E 17th St. S., Newton, IOWA 50208
DO NOT CALL FACILITY DIRECTLY
For lab questions contact hello@gosimplelab.com

TESTING PERFORMED

Testing Requested: Essential City Water Test
Matrix: Drinking Water
Testing / Report ID: SVKP4Z

SAMPLE INFORMATION

Collection Date: Dec 9, 2021
Collected By: Gabe
Received Date: Dec 11, 2021
Reported On: Dec 20, 2021
Sample Location: Bottle
Sample Address: 919 East 29th St, Suite B, Lawrence,
KS 66046, United States

TESTING NOTES

There were no problems with analytical events associated with this report unless noted. Quality control data is within laboratory defined or method specified acceptance limits except where noted. If you have any questions regarding these test results, please contact hello@gosimplelab.com

SUMMARY ANALYSIS

ANALYTE	UNIT	RESULT	METHOD	EPA REG
pH	pH	10.5	EPA 150.1	Out of EPA Range
Total Dissolved Solids	PPM	34	SM 2510B	
Hardness (Ca,Mg)	PPM	16.53	2340 B	
Hardness (Total)	PPM	16.53	2340 C	
Grains per gallon	Grains	0.97	Conversion	
Alkalinity (as CaCO3)	PPM	21	SM 2320 B	
Langelier Saturation Index		0.63		
Sodium Adsorption Ratio		0	Equation	

TEST RESULTS

ANALYTE	UNIT	RESULT	MDL	METHOD	EPA REG
Aluminum	PPM	NOT DETECTED	0.0384	EPA 200.7	
Antimony	PPM	NOT DETECTED	2.0E-5	EPA 200.8	
Arsenic	PPM	NOT DETECTED	0.00012	EPA 200.8	
Barium	PPM	0.0013	2.0E-5	EPA 200.8	< MCL (2)
Beryllium	PPM	NOT DETECTED	2.0E-5	EPA 200.8	

Boron	PPM	NOT DETECTED	0.0558	EPA 200.7	
Cadmium	PPM	NOT DETECTED	1.0E-5	EPA 200.8	
Calcium	PPM	0.7	0.09183	EPA 200.7	
Chloride	PPM	NOT DETECTED	0.34038	EPA 300.0	
Chromium (Total)	PPM	NOT DETECTED	0.00014	EPA 200.8	
Cobalt	PPM	NOT DETECTED	0.00013	EPA 200.8	
Copper	PPM	NOT DETECTED	0.00012	EPA 200.8	
Fluoride	PPM	NOT DETECTED	0.02352	EPA 300.0	
Iron	PPM	NOT DETECTED	0.0466	EPA 200.7	
Lead	PPM	NOT DETECTED	1.0E-5	EPA 200.8	
Lithium	PPM	NOT DETECTED	0.01105	EPA 200.7	
Magnesium	PPM	3.59	0.05837	EPA 200.7	
Manganese	PPM	NOT DETECTED	3.0E-5	EPA 200.8	
Mercury	PPM	NOT DETECTED	0.0005	EPA 200.8	
Molybdenum	PPM	0.0011	1.0E-5	EPA 200.8	
Nickel	PPM	NOT DETECTED	3.0E-5	EPA 200.8	
Nitrate (as N)	PPM	NOT DETECTED	0.07646	EPA 300.0	
Phosphorus	PPM	NOT DETECTED	0.134	EPA 200.7	
Potassium	PPM	1.24	0.67779	EPA 200.7	
Selenium	PPM	NOT DETECTED	0.00013	EPA 200.8	
Silver	PPM	NOT DETECTED	2.0E-5	EPA 200.8	
Sodium	PPM	NOT DETECTED	0.90289	EPA 200.7	
Strontium	PPM	NOT DETECTED	0.00645	EPA 200.7	
Sulfate	PPM	1	0.36456	EPA 300.0	
Thallium	PPM	NOT DETECTED	5.0E-5	EPA 200.8	
Tin	PPM	NOT DETECTED	0.00035	EPA 200.8	
Titanium	PPM	NOT DETECTED	0.0011	EPA 200.7	
Zinc	PPM	NOT DETECTED	0.01782	EPA 200.7	

How To Read Your SimpleLab PDF Report

Your results are being evaluated with the Federal Maximum Contaminant Level (MCL).

This is an enforceable primary drinking water standard set by the U.S. EPA. MCLs are the highest concentration of a contaminant permitted in drinking water from public water systems. MCLs are set as close as possible to health protective levels, while also taking into account the cost and availability of treatment technologies.

MDL: Method Detection Limit. MDL is the lowest concentration of an analyte which testing instrumentation and the analysis team is configured to measure.