

## (1) Basic Mineral Content \$65

A basic overview of the minerals dissolved in your water *\$10 savings!*  
*2-3 business days*

- Conductivity
- Hardness
- Alkalinity
- pH

## (2) Total Mineral Content \$175

Learn about the basic chemical properties of your water, useful if you are interested in a water treatment system *\$145 savings!*  
*2-3 business days*

- Everything in “(1) Basic Mineral Content” package plus:
- Fluoride
  - Chloride
  - Nitrate and nitrite (N+N)
  - Sulfate
  - Phosphate
  - Calcium
  - Magnesium
  - Potassium
  - Sodium
  - Lithium

## (3) Complete Domestic Water \$275

An extensive analysis of your home’s water, including bacteria and harmful trace metals *\$200 savings!*  
*3-5 business days*

- Everything in “(2) Total Mineral Content” package plus:
- Total Coliform & *E. Coli* bacteria
  - Arsenic, Lead, Uranium, Copper, and Mercury.

## (4) The “Everything” \$525

A comprehensive analysis, involving the majority of important and harmful analytes *\$340 savings!*  
*7-10 business days*

- Everything in “(3) Complete Domestic Water” package, plus:
- Iron (total)
  - Bromide
  - Bromate
  - Chlorite
  - Chlorate
  - Turbidity
  - Total dissolved solids (TDS)
  - **All metals in the Trace Metals table.**

## (5) Agriculture and Irrigation \$375

Recommended for those curious about what is in their surface water, learn about the nutrient content of the water for your plants, crops, and animals *\$165 savings!*  
*5-7 business days*

- pH
- Alkalinity
- Hardness
- Conductivity
- Chloride
- Fluoride
- Sulfate
- Phosphate
- Nitrate and Nitrite (N+N)
- Calcium
- Magnesium
- Potassium
- Sodium
- Lithium
- Total Coliform bacteria (count)
- *E. Coli* bacteria (count)
- Total nitrogen
- Iron (total)
- Total phosphorous
- Sodium absorption ratio (SAR)

## (6) Iron Related Bacteria (IRB) \$125

Measures the necessary analytes involved with IRB, which often leave red slimes, rust-colored stains on fixtures, and smell like a sewer vent *3-10 business days*

- Iron-related bacteria (IRB)
- Total dissolved solids (TDS)
- Iron (total)
- pH
- Hardness
- Conductivity

### TRACE METALS (ICP-MS)

Aluminum	Cobalt	Strontium
Antimony	Copper	Thallium
Arsenic	Lead	Titanium
Barium	Manganese	Uranium
Beryllium	Mercury	Vanadium
Boron	Molybdenum	Zinc
Cadmium	Nickel	<i>*More metals may be available upon inquiry.</i>
Chromium	Selenium	

## (7) Sulfate Reducing Bacteria (SRB) \$130

Measures necessary analytes involved with SRB, which often leave black residue/stains, and smell like rotten eggs *3-10 business days*

- Sulfate-reducing bacteria (SRB)
- Total dissolved solids (TDS)
- Sulfate
- pH
- Hardness
- Conductivity

## (8) Corrosivity \$130

Information about the possible effects your water might have on pipes, fixtures, equipment and other surfaces; calculates the Langelier Saturation Index (LSI) for your water *3-4 business days*

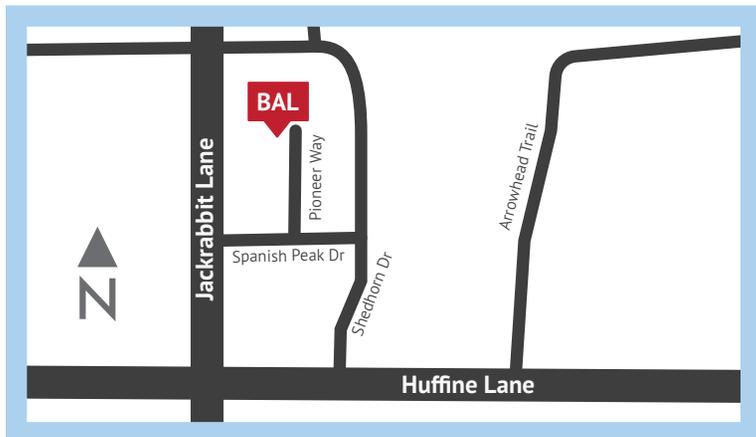
- Corrosivity index
- Alkalinity
- Hardness
- pH
- Conductivity
- Calcium
- Magnesium
- Total Dissolved Solids (TDS)

## (9) Standard Home Loan \$75

Analyses commonly required for home loans *3-5 business days*

- Lead
- Nitrate and nitrite (N+N)
- Total Coliform & *E. Coli* bacteria

- **Filtration and Digestion fees** may be necessary due to variance in sample composition, as some samples may require additional preparation (and costs) prior to analysis.
- **Listed turnaround times** are approximate and depend on day of the week, workload, and routine processing schedule.
- **Rush Analyses** are available with a 50% increase in cost on the order total, and must be approved by lab staff before guarantee of delivery.
- **Listed prices** are effective as of November 1, 2020



Established in 2007, Bridger Analytical Lab provides independent, quality controlled, analytical services for both public and private domestic water testing. We are state and EPA-certified for our public drinking water analytes. Thus you can be assured that our results are correct and meet federal and state specifications. Our laboratory specializes in microbiological and inorganic analyses of water. We offer complete water testing support. We are proudly locally owned and operated out of Bozeman, Montana.

## What can you tell me about my water?

We specialize in aqueous analytical chemistry and microbiology. Our analytical packages range from simple to extremely complex and thorough. Feel free to call us, or stop by and discuss your specific water questions, concerns, and needs. We can tell you about the harmful and significant microbiological and inorganic analytes in your water.

## Why is it important to test my water?

Ground and surface water sources change seasonally with spring runoff and other hydrological events. If you get your drinking water from a well, it is important to check your water at least twice a year for bacterial contamination (Total Coliform and *E.Coli*). If you've noticed any weird smell or taste to your water, it's important to have it checked for the safety of people (and pets) drinking it.

Also, many harmful inorganic analytes in water are completely tasteless and odorless, for example: arsenic, lead, uranium, and nitrates (just to name a few). Additionally, there are several analytes in water that do not necessarily harm humans, but do damage pipes, water heaters, softeners, and sinks.

Overall for the safety of you and your home, a thorough water test should be performed periodically.

## INDIVIDUAL ANALYSIS PRICES

### Inorganics

#### Anions

Chloride	\$28
Fluoride	\$28
Nitrate+Nitrite	\$28
Phosphate	\$28
Sulfate	\$28

#### Cations

Calcium	\$22
Lithium	\$22
Magnesium	\$22
Potassium	\$22
Sodium	\$22

### Inorganic Disinfectants

Bromide	\$50
Bromate	\$50
Chlorate	\$50
Chlorite	\$50

#### Other

Turbidity	\$22
Alkalinity	\$22
Conductivity	\$11
Hardness	\$22
pH	\$17
Total Dissolved Solids (TDS)	\$20
Iron (total)	\$22

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### Waste/Irrigation/Agricultural

Biological Oxygen Demand (BOD)	\$50
Chemical Oxygen Demand (COD)	\$33
Total Suspended Solids (TSS)	\$17
Nitrogen, Total (TKN, N+N)	\$10
Nitrogen, Ammonia (NH <sub>3</sub> )	\$22
Nitrogen, Kjeldahl (TKN)	\$38
Ammonium (NH <sub>4</sub> <sup>+</sup> )	\$30
Total Phosphorus	\$22

### Microbiologicals

Total Coliform/ <i>E. Coli</i> (Presence/Absence)	\$28
Iron Related Bacteria (IRB)	\$66
Sulfate Reducing Bacteria (SRB)	\$66
Heterotrophic Plate Count (HPC)	\$66
Total Coliform & <i>E. Coli</i> bacteria (count)	\$66

## TRACE METALS (ICP-MS)

Aluminum	Beryllium	Cobalt	Mercury	Strontium	Vanadium
Antimony	Boron	Copper	Molybdenum	Thallium	Zinc
Arsenic	Cadmium	Lead	Nickel	Titanium	<i>*More metals may be available upon inquiry.</i>
Barium	Chromium	Manganese	Selenium	Uranium	

First 5: \$25 each. Next 5: \$12 each. 11 & after: \$6 each. Pricing is per sample. Multiple-sample pricing differs. All for \$250

## How do I have Bridger Analytical Lab test water?

1. Stop by our lab during business hours and we will give you the bottles appropriate for the analyses you would like performed on your water.
2. Follow our directions to properly collect your water sample.
3. Bring the same back within 24 hours of collecting the sample, preferably the same business day you collect it.
4. You will receive an email with a PDF report in a few days, depending on what analyses you choose. Feel free to call or email us if you have any questions about your report.