

Contaminants this tests for



General Characteristics

Alkalinity (as CaCO₃), Conductivity, Hardness, LSI, pH, SAR, Silica, Tannins, Total Dissolved Solids, Total Hardness, Turbidity

Metals & Minerals

Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium (Total), Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Phosphorous, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Uranium, Vanadium, Zinc

Anions

Chloride, Fluoride, Nitrate (as N), Nitrite, Sulfate

Pathogens

Coliform & E.Coli tested for Presence / Absence

Hydrogen Sulfide

Testing for H₂S: Unlike all other chemical and biological tests included in this testing package, the H₂S (hydrogen sulfide) test is best conducted by you at the tap. Your package will include an H₂S test strip and instructions for entering those results online on your Report Dashboard.

What you get

When testing is complete, you will receive a Tap Score Water Quality Report including a comprehensive analysis of all test results, health impacts, and household water appliance risks. If all you want is the raw result data, we can do that too. This mini-tour highlights some of what makes Tap Score unique.

Executive summary

Understand the meaning of your results in one quick glance. Can you rest easy or is there something to be concerned about?

**BASED ON LABORATORY TESTING AND ANALYSIS YOUR
TAP SCORE IS 75 (MODERATE)**

According to SimpleWater Recommendations, which are based on guidelines established by Federal and State agencies as well as leading academic research, the water samples you provided for testing demonstrate your water quality is Moderate. This means your sample contained at least one harmful contaminant in excess of health recommendations, or a variety of smaller hazards. Please review your Report and **contact us** if you have any questions or concerns.



Health analysis

The report summarizes the most trustworthy research available on the potential health effects of each contaminant detected.



Arsenic Measurement: 0.006 PPM



Exceeds federal goal (MCL-G) of 0 PPM

HEALTH EFFECTS *Possible Carcinogen*

Short term effects of arsenic exposure include skin discoloration, stomach pain, nausea, vomiting and diarrhea. Long term effects include heart, lung, liver, immune, nervous system and reproductive disorders, diabetes and cancer of the bladder, lungs, skin, kidney, liver and prostate.



Nervous System



Other



Respiratory



Liver

[SHOW 9 MORE BODY EFFECTS](#)

COMMON SOURCES

Arsenic is a common element in the earth's crust and unfortunately, quite toxic to humans. Natural erosion of arsenic from soil and rock is the most common pathway for arsenic to get into drinking water. It is also produced as waste runoff from orchards, metals production and electronics production wastes.

TASTE & ODOR: Arsenic is colorless, odorless and tasteless.

[LEARN MORE](#)

Pipes and plumbing

Whether or not something is in your water that can affect your health, we let you know if your pipes and appliances are also in the clear.

IRON

1.11 PPM

HIGH

At moderate concentrations iron will give water an unpleasant metallic taste. Less than 1 PPM of iron may cause reddish brown stains on your water fixtures and clothing.

MAGNESIUM

0.91 PPM

NORMAL

While magnesium can make your water taste better, too much of it can contribute to hard water and form scale in your pipes.

TOTAL HARDNESS

2 GPG

NORMAL

Grains per gallon is a standard measure of water hardness. Water above 7 grains per gallon is generally considered hard.

CALCIUM

6.97 PPM

NORMAL

Calcium has its own taste receptors on your tongue. A high concentration can taste bitter or sour. Some people enjoy the flavor it imparts on their water, but too much of it contributes to hardness and can form scale in your pipes.

MANGANESE

0.05 PPM

HIGH

You may notice a metallic taste and brownish-red color above 50 PPB. High levels of manganese can stain fixtures and clothing.

LANGELIER SATURATION INDEX

-2.94

MODERATE CORROSION

The Langelier Saturation Index is calculated based on your sample's chemistry and is assuming cold water. It's used as an indicator of the corrosive or scale forming potential of your water.