



## Profile 20: Informational Water Chemistry Report

Trace Elements offers an Informational Water Chemistry analysis for purposes of determining regulated and non-regulated metal content in drinking water. Our water chemistry parameters consist of metals designated as Primary (Health Related) contaminants and Secondary (Aesthetic or Nuisance) contaminants in drinking water. Additional metal contaminants and parameters are also reported that currently are not designated in either of the above categories by the E.P.A, but that may still have a significant effect upon health.

It should be noted that whether the originating source of the water is from a municipal regulated water supply or a private water supply, it is quite common for drinking water to become contaminated even after it reaches the home plumbing system. High acidic water and/or deteriorating home plumbing can allow heavy metals to leach from pipes. As a result of contamination, excessive levels of some metals in drinking water may have a deleterious effect upon certain individuals with predisposed sensitivities, or may also contribute to further elevation or imbalances of levels already found within the body.

### Primary (Health Related)

*When test results exceed the EPA's Primary standards for drinking water, it is considered to be unsafe to drink until the problem is corrected.*

Antimony	Chromium	Selenium
Arsenic	Copper	Thallium
Barium	Fluoride	Uranium
Beryllium	Lead	
Cadmium	Mercury	

### Secondary (Aesthetic or Nuisance)

*When test levels exceed the EPA's Secondary standards for drinking water, the water is usually displeasing to drink. The water may leave stains, have an odor, color, corrode plumbing or have other displeasing characteristics.*

Aluminum	Manganese	pH
Iron	Zinc	

### Additional Contaminant Metals

Calcium	Nickel	Sodium
Magnesium	Potassium	

**Usage:** Intended for informational and research purposes only and should not be used for regulatory and/or legal purposes.

**Testing:** All testing for EPA Primary Regulatory Contaminants are conducted by methods approved by the U.S. Environmental Protection Agency (EPA). All testing for Additional Contaminant Metals are conducted using variations of EPA methods.

**Requirements:** This profile requires a prepaid water sampling kit containing approved sample container, complete instructions and return label with prepaid USPS Priority Mail return postage.

**More Information:** For more information on EPA guidelines, regulations and discussion of the drinking water contaminants that may be found elevated on a water test, please visit the following website: [www.epa.gov/ogwdw/contaminants/index.html](http://www.epa.gov/ogwdw/contaminants/index.html).

**Sample Report:** To view a sample water chemistry report, please click on the following link. [www.traceelements.com/IWCR.pdf](http://www.traceelements.com/IWCR.pdf)