

Tin

Tested in: Urine and Water

Reported in: Water Only

Learn how you can protect yourself and your family.



Is there an unsafe level of tin in water?

Scientists have not determined if there are levels of tin that could be considered unsafe in water. If you are concerned about your test results, continue to the next section to learn how you might reduce tin in your water.



Is it possible to remove tin from drinking water?

Yes, you may be able to reduce the amount of chemicals in your water. First, it is important to find out how chemicals may be getting into your water. We recommend that you contact your county's environmental health department or a well specialist. They may want to test your water for bacteria or nitrate or look at your well for any damage. Testing for bacteria or nitrate may be available for free through your county.

You may also be able to install an in-home treatment system to reduce chemicals in the water you drink. Not all treatment systems remove all chemicals. Talk to a water treatment specialist to determine the best options for the chemical(s) that may have been found in your water tests.



Will exposure to tin harm my health?

Exposure to tin may harm your:

- hematological system (blood forming)
- immunological system



Are there other ways I could limit my exposure to tin?

- Follow all safety precautions if you work with tin.
- Avoid eating seafood from water that may be contaminated with tin.
- Reduce the amount of foods or liquids you consume from tin-lined cans.

What is tin?

Tin is an element in rocks and soil. Tin is used in many products. It is used to line cans for food, drinks, and aerosols. Tin can be combined with other chemicals and used in products like toothpaste, soap, perfumes, dyes, packaging, paints, and pesticides. Tin can be found in water and soil near places where they are naturally present in the rocks, or where they are mined, manufactured, or used.

Where can I find more information?

<https://www.atsdr.cdc.gov/az/t.html>