



Lead Test Instructions

The **Watersafe® Lead Test** can detect dissolved lead below the EPA Action Level of 15 parts per billion (ppb).

1. Open **Lead** test pouch and take out all contents. The pouch contains a test vial, a dropper pipette, one **Watersafe®** test strip and a desiccant (to be discarded).
2. Using dropper, add **exactly TWO dropper-fuls** of water sample into the test vial.
3. **SWIRL GENTLY FOR ONE (1) MINUTE.** This is essential for the detection mixture to be properly dissolved. Then place the test tube on a flat surface.
4. Place test strip into the test vial, with arrows pointing DOWN.
5. Wait 10 minutes. Do not disturb test strip or vial during this time. *Blue* lines appear on the strips.
6. Take test strip out of the vial and lay it on a flat surface with the arrows pointing to the LEFT. Read results.

Negative: LEFT line (next to number 1) is darker than the RIGHT line (next to number 2)

If you only see one line next to number 1, the test is negative.



Positive: RIGHT line (next to number 2) is darker than LEFT line (next to number 1), or lines are equally dark (Both LEFT and RIGHT lines are dark)



7. NOTE: If no lines appear, or both lines are very light, the test did not work properly, and the result is not valid.

If the test shows a positive result, your water sample may contain lead at a toxic level.

Water Test Desired Values

EPA maximum contaminant levels or guideline standards

● Bacteria	None
● Lead	Below 15 ppb
● Copper	Below 1.3 ppm
● Iron	Below 0.3 ppm
● Total Nitrate/Nitrite	Below 10.0 ppm
● Nitrite	Below 1.0 ppm
● pH	6.5 to 8.5
● Total Hardness	50 ppm or less
● Total Chlorine	Below 4 ppm

Please note that **Watersafe®** is a screening test and can not be used to certify water as safe or unsafe for drinking. **Watersafe®** provides approximate results ONLY when used in strict accordance with instructions. Silver Lake Research Corporation expressly disclaims any liability resulting from use of this product, failure to follow instructions, or reliance on test results.



Address: P.O. Box 266, Azusa, CA 91702
US patents 6,103,536; 6,287,875; 6,368,875; 6,649,418.
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watersafe®

Drinking Water Test Kit



This **Watersafe®** test kit contains everything you need to find out simply and accurately if your water contains unsafe or undesirable levels of nine common contaminants. Follow instructions carefully for each test, and compare results to the Desired Values.

Drinking water which tests outside the desired values may be dangerous to your health.

Before You Begin

1. Contents - One Bacteria Test Vial
- One Lead / Pesticide Test Packet
- One Nitrate / Nitrite Test Packet
- One pH / Hardness / Chlorine Test Packet
- One Copper Test Packet (included in Well Water Test Kit)
- One Iron Test Packet (included in Well Water Test Kit)

2. **Keep tests out of reach of children or pets. Do not ingest anything from this test kit. Do not drink the water samples used for testing.**

Store and use at room temperature (60-86° F).

Do not use on hot water or water containing bleach or detergents.

Do not re-use any part of the test kit.

3. **DO NOT open packets or vial until you are ready to conduct the tests.**

4. **Please follow all instructions carefully.**

B

Bacteria Test Instructions

1. Take out the Bacteria Test vial and set upright on a flat surface.
2. Collect water sample or turn on tap to a very slow stream.
3. Carefully twist off cap and fill vial to 1/2 inch below the top (to 5 mL line). DO NOT OVERFILL and DO NOT SPILL the bacterial growth powder in the vial.
4. Replace the cap and twist on tightly. Shake the vial vigorously for 20 seconds.
5. Place the capped vial upright in a warm area (70-90° F) where it can not be disturbed for 48 hrs.
6. After 48 hrs. observe the color of the liquid **without** opening the vial:
Purple Color: Negative Result (No bacteria were detected)
Yellow Color: Positive Result (It is highly likely that potentially harmful bacteria were detected)
7. For positive results, add bleach to the sample before pouring down the toilet, then wash hands carefully. Negative samples may be poured directly into the toilet. Discard vial in the trash.

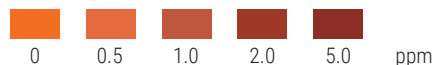
Cu

Copper Test Instructions

(included in Well Water Test Kit)

1. Collect a fresh water sample.
2. Open **Watersafe®** test kit and remove the Copper Test Strip from the foil packet.
3. Immerse the reagent pad into water sample for 30 seconds, waving in a gentle back and forth motion.
4. Remove the strip and shake once to remove excess water.
5. Wait 2 minutes.
6. Match result to the color chart below.

Total Copper



Fe

Iron Test Instructions

(included in Well Water Test Kit)

1. Collect a fresh water sample.
2. Open **Watersafe®** test kit and remove the Iron Test Strip from the foil packet.
3. Immerse the reagent pad into water sample for 5 seconds, waving in a gentle back and forth motion.
4. Remove the strip and shake once to remove excess water.
5. Wait 2 minutes.
6. Match result to the color chart below.

Total Iron

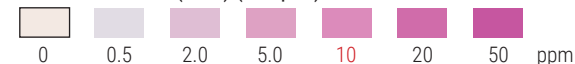


N **N**

Nitrate / Nitrite Test Instructions

1. Carefully open **Nitrate / Nitrite Test** packet and take out test strip.
2. Immerse the reagent pads into water sample for 2 seconds, remove, and after 1 minute match colors to chart below.
3. Colors are stable for 1 minute.

Total Nitrate/Nitrite (as N) (end pad)



Nitrite (as N) (pad nearest handle)



pH **Hd** **Cl**

pH / Hardness / Chlorine Test Instructions

1. Carefully open **pH / Hardness / Chlorine Test** packet and take out test strip.
2. Immerse the reagent pads into water sample and remove immediately. Hold the strip level for 15 seconds.
3. Match pH, Total Hardness and Total Chlorine pads (in that order) to the color chart.

pH (end pad)



Total Hardness (middle pad)



Total Chlorine (pad nearest handle)

