COMMON QUESTIONS (BACTERIA TEST)

Are Coliform Bacteria Harmful?

Coliform bacteria are present in the environment and feces of all warm-blooded animals and humans. Coliform bacteria are unlikely to cause illness. However, their presence in drinking water indicates that disease-causing organisms (pathogens) could be in the water system.

What should be done if the test is positive?

When coliforms have been detected, make sure you've run the test properly and not accidentally contaminated it. If you feel the jar may have been contaminated, we suggest retesting. If the result indicates bacterial confirmation, further lab testing will be necessary for Fecal coliform or E. coli. Boiling the water is advised until disinfection and lab testing can confirm that contamination has been eliminated.

COMMON QUESTIONS (16 PARAMETER TEST)

My test results do not match the color chart. Why?

If you experience this, it is highly likely that you are holding the test strip upside down when comparing your results. Make sure to place the handle of the test strip at the bottom of the color chart facing upwards.

What is the clear test tube for?

This clear test tube allows you to easily transport and store the water source you are testing. You can fill the test tube with water and dip the strip directly into it. Although, this tube is not required for testing. You can dip the strip directly into the water source or use a normal cup if preferred.

Visit **varifytest.com** for further information or contact us at **info@varifytest.com** for help.

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COMPLETE WATER TEST KIT

USER GUIDE

- ✓ RESULTS IN SECONDS
- ✓ PROFESSIONAL GRADE
- ✓ EASY TO USE
- ✓ EPA COMPARISON

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SUPPORTS CLEAN WATER WORLDWIDE

16 PARAMETER WATER TEST STRIP

TEST USE

This water test strip can be used to detect levels of certain unwanted contaminants commonly found in drinking water (tap, ground, well). It can also be used for testing pools, spas, aquariums, etc.

▲ IMPORTANT TO KNOW

1 Test for 60 seconds

When using the 16 parameter water test strip, your results are complete (ready to compare) after dipping the test strip and shaking off any excess water. The test strip can be dipped directly into the water source being tested. Alternatively, you can fill the clear test tube and proceed to dip the strip. Upon completion, make sure to compare your results immediately. To do this, place the handle of the test strip at the bottom of the color chart facing upwards. The test strip is no longer valid outside of a 60 second testing period. Discard the test strip after 60 seconds as any further color change will be meaningless.

2 Prevent altered results

Heres what you can do to prevent decreased shelf life of the strip and altered results.

- Do Store in a cool dry place away from direct sunlight.
- Do Avoid touching or polluting test areas of the strip.
- ✓ Do Keep the cap on tight
- Do read the instructions carefully before use.
- Do not place wet fingers in the bottle.
- Do not remove the desiccant pouch.

3 Primary and Secondary Drinking Water Regulations

The EPA sets legal limits on over 90 contaminants in drinking water. There are two categories, primary and secondary. Primary contaminants are substances that can be toxic in small amounts. On the other hand, secondary contaminants are less toxic species and would include cosmetic issues (color, taste, and odor) of drinking water. These strips test for the most commonly found primary contaminants (lead, fluoride, copper, mercury, chlorine, nitrite, nitrate), as well as the most commonly found secondary contaminants (Sulfate, Zinc, Manganese, Iron, and pH.)

BACTERIA TEST FOR WATER

TEST USE

This bacteria test can be used to check for total coliform bacteria in drinking water (tap, ground, well). It can also be used for pools, spas, lakes, and more

AIMPORTANT TO KNOW

1 Test for 48 hours

When you run the bacteria test at room temperature 68-90*F (20-32*C), the test is complete in 48 hours. The solution in the jar will turn green if coliform are present. Discard the test jar after 48 hours as any further color change will be meaningless.

2 Prevent Contamination

Here's what you can do to prevent accidental contamination of the test jar and water sample.

- Do wash your hands thoroughly with soap and water before performing the test.
- Do flush the tap for 3-5 minutes to rinse away contamination on the faucet.
- Do not open the jar until you're ready to test.
- Do not open the jar during the 48 hour incubation period.
- Do not touch the inside of the jar or lid when opening or closing the jar.
- Do not touch the faucet outlet, it could contaminate the water sample.

3 Total Coliform, Fecal Coliform, and E.coli

Total coliform is a large collection of different kinds of bacteria. Fecal coliform are types of total coliform that exist in feces. E. coli is a subgroup of fecal coliform. Most bacteria tests (such as this one) are designed to test for total coliform bacteria. If the test is positive, it is likely that fecal coliform or E. coli are present in the water source. In this case, the sample should be further analyzed at a lab. If the coliform test result is negative, that means there is no coliform present, E. coli or otherwise.

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Visit **varifytest.com** for further information and EPA recommended limits

Live Chat: **live.varifytest.com** Email: **info@varifytest.com**