

WATER, Test Code 1011-Non-Potable, Total Coliforms/E. Coli

Colisure® presence/absence test medium allows for simultaneous testing of water for the presence or absence of total coliform bacteria and *Escherichia coli*. Colisure can detect these bacteria at 1 cfu/ml within 24 hours even with as many as 2 million heterotrophic bacteria per 100 ml present.

Test Code 1011 is used for non-potable water samples.

Obtain a sterile container from Aerobiology.

1. Collect a 100ml of water from the tap or reservoir in the sterile container making sure the inside of the container is not contaminated by the collector.
2. Keep the water in a cooler and an ice pack for transportation to the laboratory.
3. The water sample **must** reach the laboratory within 24 hours of collection or the sample will be deemed invalid.
- 4.

References:

Dillon, H. Kenneth, L. Hung, J. Miller, Field Guide for the Determination of Biological Contaminants in Environmental Samples., 6.2.4: 134-135 (2005).

Eaton, Andrew D., Lenore S. Clesceri, Eugene W. Rice, Arnold E. Greenberg, Standard Methods for the Examination of Water and Wastewater., 9-21 (2005).

Federal Register, Part II, December 5, 1994, Environmental Protection Agency, 40 CFR Parts 141 and 143, Analytical Methods for Regulating Drinking Water Contaminants: Final Rule, 141.21 (f)(3).