

WATER, Test Code 1032-Total Fungal Count w/ ID

Non-potable water such as that from humidifiers, dehumidifiers, condensate pans, water treatment plants, and cooling towers may harbor high levels of microorganisms with potential for aerosolization. Industrial type water can contain high levels of yeast, moulds, amoebae and bacterial. For sampling for specific target yeasts and moulds, contact the laboratory. Obtain a sterile container from Aerobiology.

1. Collect a 100 ml 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.

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).