

WATER, Test Code 1071-Filamentous Iron Bacteria

“Red Water”, taste and odor problems are common symptoms associated with Iron related bacteria. Taste and odor problems are not just caused by iron related bacteria but its one type of analysis that should be considered when dealing with a failing plumbing system and debris in the water supply.

This test includes a direct microscopy and presence/absence test.

1. Obtain a sterile container from Aerobiology.
2. 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.
3. Keep the water in a cooler and an ice pack for transportation to the laboratory.
4. The water sample **must** reach the laboratory within 24 hours of collection or the sample will be deemed invalid.

References:

BART™ product insert, Droycon Bioconcepts Inc., 2004.

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., 9-97 (2005).