

BULK, Test Code 1013-Total Coliforms/E. Coli

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

This particular test is useful in determining the presence or absence of *E. coli* and coliforms in a bulk material after a black water event. The test results are qualitative and will result in the presence or absence of *E.coli* and coliforms.

Samples may include carpet, dust, cove base, sub-flooring, insulation or drywall.

1. Samples should be collected when the material is porous and swabbing is not practical.
2. Approximately 10 to 15 grams of material is the preferred amount needed for this analysis. The sample can be placed in a Ziploc® bag for transportation.
3. Bulk samples can be shipped overnight, ground or by regular mail. Use a cooler and ice pack in warmer months.

References:

Dillon, H. Kenneth, L. Hung, J. Miller, Field Guide for the Determination of Biological Contaminants in Environmental Samples., 5.2.6.1: 57-58 (2005).

Macher, Janet, Sc.D., M.P.H., Bioaerosols , 12.1-12.1.4.2 (1999).