

<b>TOTAL COLIFORM AND <i>ESCHERICHIA COLI</i> DETECTION IN POTABLE WATER</b>	
<b>Test Description</b>	Determination of total coliform and <i>Escherichia coli</i> bacteria in water.
<b>Test Use</b>	Useful for evaluating drinking waters and dairy source waters.
<b>Test Department</b>	Environmental Microbiology: Phone 860-920-6699 Fax 860-920-6703
<b>Methodology</b>	SM9223: Colilert/Colisure
<b>Availability</b>	Year-round
<b>Sample Requirements</b>	One (1) sample collected in a sterile 250 mL bacteriological collection bottle, provided by the CT DPH Laboratory.
<b>Container type /Preservative</b>	Sterile 250 mL bacteriological bottle. Sodium Thiosulfate preservative.
<b>Collection Instructions (Note 1)</b>	For taps, remove aerators and let water run 4-5 minutes. For outdoor locations, sampling location should be in accordance with a preapproved quality assurance project plan.
<b>Sample Holding Time &amp; Transport</b>	Dairy source water samples must be kept below 10°C from time of collection until analysis. Dairy source water samples must be analyzed within 8 hours of collection. Drinking water samples must be analyzed within 30 hours of collection.
<b>Unacceptable Conditions</b>	Incomplete requisition form. Insufficient sample volume. Samples received beyond the 8-hour/30-hour holding time. Samples that have been frozen.
<b>Requisition Form</b>	Use the Environmental Microbiology Drinking Water submission form.
<b>Required Information</b>	Fill out entire requisition form.
<b>Limitations</b>	Samples must be submitted by 3 P.M. Monday through Friday to ensure processing that day.
<b>Additional Comments</b>	

Note 1: See *New England States Environmental Sampling Guide*, latest edition.

<https://www.epa.gov/sites/production/files/2015-06/documents/NE-States-Sample-Collection-Manual.pdf>