

Well Water Potability

NITRATE (NO₃)

The maximum acceptable concentration of nitrate in drinking water is **45 mg/L as NO₃**. In excessive amounts it contributes to the illness known as methemoglobinemia in infants. Sources of nitrate in water include decaying plant or animal material, agricultural fertilizers, manure, domestic sewage or geological formations containing soluble nitrogen compounds.

TOTAL COLIFORM BACTERIA

The presence of coliform organisms is an indication of pollution. The maximum acceptable concentration for total coliforms is **no organisms detectable per 100 mL of sample**. If any coliform organisms are detected, the site should be resampled, and if the presence of coliforms is confirmed, the appropriate corrective action should be taken.



CONTACT

SRC Environmental Analytical Laboratories
143-111 Research Drive
Saskatoon, Sask., Canada S7N 3R2
T: 306-933-6932
T: 1-800-240-8808 toll-free in Canada
E: analytical@src.sk.ca
www.src.sk.ca/analytical