

BOTTLED AND SPRING WATER ANALYSIS

DRINKING WATER LABELLING AND QUALITY ANALYSIS

Bottled water is regulated as a food product under the federal Food and Drugs Act and Regulations. Bottled water companies must adhere to quality standards, good manufacturing practices and labelling requirements. Canadian Bottled Water Association (CBWA) bottlers are subject to a third level of regulation involving third-party inspections, water testing and analysis and adherence to the CBWA model code. SGS knows drinking water quality and can help you comply with all the relevant regulations.

Product testing is important to ensure the quality. If organic matter reacts with disinfection chemicals such as chlorine, chlorine dioxide and ozone, it can produce toxic or carcinogenic by-products. Microorganisms can contaminate your water source and cause side effects such as diarrhea, stomach cramping and in severe cases, kidney failure.

At SGS, we have extensive experience in providing third party confirmation for your regulatory requirements. We conduct thorough analysis using state-of-the-art instrumentation. This includes:

- Gas chromatography (GC)
- GC-electron capture detector (ECD)
- GC-flame ionization detector (FID)
- GC-mass spectrometry (MS) and MS/MS
- Trace metals by inductively coupled plasma-optical emission spectrometry (ICP-OES)
- Ultra-trace metals by inductively coupled plasma-mass spectrometry (ICP-MS)



- Atomic absorption
- Ion chromatography
- Classical chemical techniques

We have earned the respect of many municipalities, bottled and spring water producers and consultants for our accurate and thorough drinking water quality analysis.

ANALYTICAL CAPABILITIES

At SGS, we provide a complete range of tests and services to give you confidence in your drinking water. These include:

- Following CBWA – Model Code Monitoring Requirements
- Ultra-trace metals analysis, major anions determination
- Metal speciation
- Full range of gas chromatography (GC) organics (hydrocarbons, PAH, pesticides, volatiles, PCB etc.)
- Disinfection by-products (bromate, bromide, chlorate, chlorite and haloacetic acids)

EASY-TO-READ AND UNDERSTAND REPORTING

- From sample process design to the electronic formatting of reports, we assist you with your regulatory requirements so you have the freedom to focus on your core business.
- Direct data input from the instruments to the Laboratory Information Management System (LIMS) provides a secure data trail, while our unique customer interface "iOnView" gives you immediate online access to approved data.



CUSTOMER SERVICE

- 24 hour access to our technical specialists is provided with all water quality testing.
- We differentiate our services by maintaining prompt and professional customer contact and support.
- At SGS, we provide the insight into your analytical requirements that only experienced, knowledgeable individuals can offer.

CONTACT INFORMATION

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WHEN YOU NEED TO BE SURE

SGS