



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3818
Laboratory Name: McClean Lake Analytical Laboratory
Parent Institution: Orano Canada Inc.
Address: McClean Lake Operation McClean Lake SK S7K 3X5
Contact: Ms. Charlene McKay
Phone: (306) 633-1402
Fax: (306) 633-2184
Email: charlene.mckay@orano.group

Standard: Conforms with requirements of ISO/IEC 17025
Clients Served:
Revised On: September 12, 2019
Valid To: September 11, 2021

Scope of Accreditation

Solids (Inorganic)

Uranium - Solids (006)
662-15; modified from ASTM C1110-03
FUSION/XRF
Uranium

Solids, Process Liquid (Inorganic)

Uranium - Solids (005)
662-50; ASTM C1267-11
POTENTIOMETRIC TITRATION
Uranium

Urine (Inorganic)

Uranium - Biomaterials [Urine] (009)
661-74, 661-75; modified from ASTM C1844-16
ICP/MS
Uranium

Water (Inorganic)

Dissolved Metals - Water (008)
661-74, 661-76; SM 3125
ICP/MS
Arsenic
Copper
Iron
Lead
Molybdenum
Nickel
Selenium

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at http://www.cala.ca/cala_directories.html

Uranium
Zinc

Water (Inorganic)

pH - Water (002)
661-19; SM 4500-H+ B
pH METER
pH

Water (Inorganic)

Total Suspended Solids (TSS) - Water (003)
661-20; SM 2540 D
GRAVIMETRIC
Total Suspended Solids

Water (Microbiology)

Coliforms - Water (001)
661-15; SM 9223
PRESENCE/ABSENCE (COLISURE)
Escherichia coli
Total Coliforms

Water (Radiochemistry)

Radium-226 - Water (004)
661-10; modified from SM 7500-RA B
CO-PRECIPITATE/ALPHA SPECTROMETRY
Radium-226

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at http://www.cala.ca/cala_directories.html