



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3782
Laboratory Name: CNRL Albian Sands Lab
Parent Institution: Canadian Natural Resources
Address: Muskeg River Mine Fort McMurray AB T9H 4W1
Contact:
Phone:
Fax:
Email:

Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: Internal Clients Only
Revised On: June 21, 2018
Valid To: August 29, 2020

Scope of Accreditation

Petroleum (Inorganic)

Density - Petroleum [Crude] (003)
LABPR0004, LABPR0026; modified from ASTM D5002-99 (2010)
DIGITAL DENSITY ANALYZER
Density

Water (Inorganic)

Alkalinity - Water (006)
LABPRO044; modified from SM 2320 B
TITRATION
Alkalinity (pH 4.5)

Water (Inorganic)

Anions - Water (005)
LABPR0039; modified from SM 4110 B
ION CHROMATOGRAPHY
Chloride
Sulfate

Water (Inorganic)

Cations - Water (004)
LABPR0040; modified from SM 3120 A and SM 3120 B
ICP
Calcium
Magnesium
Potassium
Sodium

† "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

Water (Inorganic)

Conductivity - Water (007)

LABPRO074; modified from SM 2510 B

CONDUCTIVITY METER

Conductivity (25°C)

Water (Inorganic)

pH - Water (001)

LABPR0046; modified from SM 4500-H+ B

pH METER

pH

Water (Inorganic)

Total Suspended Solids (TSS) - Water (002)

LABPR0020; modified from SM 2540 D

GRAVIMETRIC

Total Suspended Solids

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