



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3735

Laboratory Name: Cenovus Christina Lake Main Lab

Parent Institution: Cenovus Energy Inc.

Address: LSD 08-17-076-06 / W4M Conklin AB

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Standard: Conforms with requirements of ISO/IEC 17025

Clients Served: Internal Clients Only

Revised On: June 5, 2018

Valid To: January 26, 2019

Scope of Accreditation

Gas (Inorganic)

Heat Value and Specific Gravity - Gas (009)

ATM09; ASTM 3588 and GPA 2172

Calculating Heat Value and Specific Gravity

Heat Value (Calculation)

Specific Gravity (Calculation)

Gas (Organic)

Composition - Gas (008)

ATM09; GPA 2261

GC/TCD

Carbon dioxide

Ethane

Helium

Hydrogen

Hydrogen Sulfide

Methane

Nitrogen

Oxygen

Gas (Organic)

Composition - Gas (010)

ATM09; modified from GPA 2261

GC/FID

Decane Plus

Heptanes

Hexanes

Isobutane

Isopentane

† "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

n-Butane
n-Pentane
Nonanes
Octane
Propane

Gas (Organic)

Hydrogen Sulphide - Gas (011)
ATM10; ASTM D5504
GC/SCD
Hydrogen Sulfide

Oil (Inorganic)

Basic Sediment and Water (BSW) - Oil (004)
ATM05; ASTM D4007
CENTRIFUGE
Total % Water and Sediment

Oil (Inorganic)

Density - Oil (006)
ATM07; ASTM D5002
DIGITAL DENSITY ANALYZER
Density

Oil (Inorganic)

Kinematic Viscosity - Oil (007)
ATM08; ASTM D7042
VISCOMETER
Kinematic Viscosity @25deg Celcius
Kinematic Viscosity @40deg Celcius

Oil (Inorganic)

Water Content - Oil (005)
ATM06; ASTM D4377
POTENTIOMETRIC
Water

Water (Inorganic)

Chloride - Water (002)
ATM02; SM 4500-CL- D
POTENTIOMETRIC
Chloride

Water (Inorganic)

pH - Water (001)
ATM01; SM 4500-H+
AUTO TITRIMETRIC
pH

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