



# CALA

Canadian Association for  
Laboratory Accreditation Inc.

## CALA Directory of Laboratories

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**Membership Number:** 3735  
**Laboratory Name:** Cenovus Christina Lake Main Lab  
**Parent Institution:** Cenovus Energy Inc.  
**Address:** LSD 08-17-076-06 / W4M Conklin AB  
**Contact:** Ms. Brittany Simmill  
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**Fax:** (780) 559-8401  
**Email:** brittany.simmill@cenovus.com

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**Standard:** Conforms with requirements of ISO/IEC 17025  
**Clients Served:** Internal Clients Only  
**Revised On:** September 11, 2017  
**Valid To:** January 26, 2019

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### Scope of Accreditation

#### Gas (Inorganic)

Heat Value and Specific Gravity - Gas (009)  
ATM09; GPA 2172 & ASTM 3588  
Calculating Heat Value and Specific Gravity  
Heat Value (Calculation)  
Specific Gravity (Calculation)

#### Gas (Organic)

Composition - Gas Analysis (008)  
ATM09; GPA 2261  
GC/TCD  
Carbon dioxide  
Ethane  
Helium  
Hydrogen  
Hydrogen Sulfide  
Methane  
Nitrogen  
Oxygen

#### Gas (Organic)

Composition - Gas Analysis (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](http://www.cala.ca/cala_directories.html)

n-Butane  
n-Pentane  
Nonanes  
Octane  
Propane

**Gas (Organic)**

Hydrogen Sulfide - 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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