CALA Scope of Accreditation

Laboratory Name: Valor Labs

Client ID: 1004027

Parent Institution:

Address: 103-52 Willoughby Street, Blackfoot, Alberta, T0B 0L0

Contact: Mr. Sam Simpson

Email: ssimpson@valorabs.ca

Phone: (587) 789-1006

Fax:

Standard: Conforms with requirements of ISO/IEC 17025:2017

Clients Served: All Interested Parties

Revised On: 01/08/2024

Valid To: 07/16/2026

001 - Total Sulphur

Field of Accreditation: Petroleum

Matrix: Petroleum [Crude, Products]

Analytical Method: X-RAY FLUORESCENCE (XRF)

Preparation Method:

Lab Method ID(s): LAB-01-23, LAB-01-74

Method Reference	Modified From	Analytical Method	Preparation Method
ASTM D4294	No	Yes	No

Parameter
Total Sulphur (Total Sulfur)

002 - Density

Field of Accreditation: Petroleum

Matrix: Petroleum [Crude, Products]

Analytical Method: DIGITAL DENSITY ANALYZER

Preparation Method:

Lab Method ID(s): LAB-01-25

Method Reference	Modified From	Analytical Method	Preparation Method
ASTM D5002	No	Yes	No

Parameter
Density and Relative Density

003 - Vapour Pressure

Field of Accreditation: Petroleum

Matrix: Petroleum [Crude]

Analytical Method: VPCRX (EXPANSION METHOD)

Preparation Method:

Lab Method ID(s): LAB-01-26, LAB-01-27, LAB-01-28, LAB-01-29

Method Reference	Modified From	Analytical Method	Preparation Method
ASTM D6377	No	Yes	No

Parameter
Vapour Pressure

004 - Vapour Pressure

NA Field Testing

Field of Accreditation: Petroleum

Matrix: Petroleum [Crude]

Analytical Method: VPCRX (EXPANSION METHOD)

Preparation Method:

Lab Method ID(s): LAB-01-26, LAB-01-27, LAB-01-28, LAB-01-29

Method Reference	Modified From	Analytical Method	Preparation Method
ASTM D6377	No	Yes	No

Parameter
Vapour Pressure

005 - Manual Sampling

Field of Accreditation: Petroleum

Matrix: Petroleum [Crude, Products]

Analytical Method: SAMPLE COLLECTION

Preparation Method:

Lab Method ID(s): OPS-01-01, OPS-01-02, OPS-01-03, OPS-01-05

Method Reference	Modified From	Analytical Method	Preparation Method
ASTM D4057	No	Yes	No

Parameter
Fixed Volume Cylinder
Floating Piston Cylinder
Glass/plastic/metal bottle

006 - Manual Sampling

Field of Accreditation: Petroleum

Matrix: Petroleum [Crude, Products]

Analytical Method: SAMPLE COLLECTION

Preparation Method:

Lab Method ID(s): OPS-01-01, OPS-01-04

Method Reference	Modified From	Analytical Method	Preparation Method
CCQTA	Yes	Yes	No

Parameter
Floating Piston Cylinder
GDC

007 - Total Sulphur

NA Field Testing

Field of Accreditation: Environmental

Matrix: Petroleum [Crude, Products]

Analytical Method: X-RAY FLUORESCENCE (XRF)

Preparation Method:

Lab Method ID(s): LAB-01-23, LAB-01-74

Method Reference	Modified From	Analytical Method	Preparation Method
ASTM D4294	No	Yes	No

Parameter
Total Sulphur (Total Sulfur)

008 - Density

NA Field Testing

Field of Accreditation: Environmental

Matrix: Petroleum [Crude, Products]

Analytical Method: DIGITAL DENSITY ANALYZER

Preparation Method:

Lab Method ID(s): LAB-01-25

Method Reference	Modified From	Analytical Method	Preparation Method
ASTM D5002	No	Yes	No

Parameter
Density

Multisite Laboratory
This laboratory operates from more than one location within a city or region, however, is considered one accreditable unit. This scope of accreditation includes testing carried out at the following additional locations identified in the scope above. Where the appendix does not list a location, testing is carried out in the main laboratory.

NA Field Testing	103-52 Willoughby Street Blackfoot, AB T0B 0L0

† “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 https://directory.cala.ca/ (https://directory.cala.ca/)