



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

DCG Partnership I, Ltd.
4170A South Main Street
Pearland, TX 77581

Fulfills the requirements of

ISO 17034:2016

In the field of

REFERENCE MATERIAL PRODUCER

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R.D.L.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 16 November 2022
Certificate Number: AT-2925



This reference material producer is accredited in accordance with the recognized International Standard ISO 17034:2016.
This accreditation demonstrates technical competence for a defined scope and the operation of a reference material producer
quality management system.

SCOPE OF ACCREDITATION TO ISO 17034:2016

DCG Partnership I, Ltd.

4170A South Main
Pearland, TX 77581

Russell Johnston rjohnston@dcpartnership.com

REFERENCE MATERIAL PRODUCER

Valid to: **November 16, 2022**

Certificate Number: **AR-2925**

Chemical Composition

Sub-Category of Reference Material	ILAC RM Category	Class or Type of Reference Materials Produced (Include Range Where Applicable)	Methods or Techniques Used in the RMP Laboratory (if Appropriate)
Reference gas and Reference gas mixtures	A7, A7.1	Natural Gas Liquid and Similar Mixtures	Gravimetric GCxTCD
		Natural Gas and Similar Gaseous Mixtures - Extended	Gravimetric GCxTCD GCxFID
		Petroleum Naphthas	Gravimetric GCxFID
		Individual Components in Spark Ignition Engine Fuels	Gravimetric GCxFID
		Reformed Gas and Similar Gaseous Mixtures	Gravimetric GCxTCD GCxFID
		Hydrocarbons in Liquefied Petroleum Gases and Propane/ Propene Mixtures	Gravimetric GCxTCD GCxFID



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Chemical Composition

Sub-Category of Reference Material	ILAC RM Category	Class or Type of Reference Materials Produced (Include Range Where Applicable)	Methods or Techniques Used in the RMP Laboratory (if Appropriate)
Reference gas and Reference gas mixtures	A7, A7.1	Sulfur Compounds in Natural Gas and Gaseous Fuels	Gravimetric GCxSCD,UVF
		Sulfur Compounds in Light Petroleum Liquids	Gravimetric GCxSCD,UVF
Organic Reference Materials and Petroleum products	A3, A3.5	Total Sulfur in Light Hydrocarbons, Diesel Engine Fuel, and Related Chemicals	Gravimetric UVF
		Total Sulfur in Aromatic Hydrocarbons and Related Chemicals	Gravimetric UVF
		Trace Nitrogen in Liquid Petroleum Hydrocarbons	Gravimetric Chemiluminescence
		Total Nitrogen in Petroleum and Related Petroleum Products	Gravimetric Chemiluminescence
		Total Chloride in Aromatic Hydrocarbons and Related Chemicals	Gravimetric Microcoulometry
Test Method A – Total Acid Number in Mineral Oil and Related Petroleum Products	Gravimetric Potentiometric Titration		

Physical Properties

Sub-Category of Reference Material	ILAC RM Category	Class or Type of Reference Materials Produced (Include Range Where Applicable)	Methods or Techniques Used in the RMP Laboratory (if Appropriate)
Reference Materials for Physiochemical Properties	C6	Procedure A – Flash Point of Petroleum Products and Liquid Fuels	Gravimetric Pensky-Martens Closed Cup
		Pour Point of Petroleum Products and Liquid Fuels	Gravimetric Pour Point Apparatus
		Cloud Point of Petroleum Products and Liquid Fuels	Gravimetric Cloud Point Apparatus
		Density, Relative Density, and API Gravity of Petroleum distillates and Related Petroleum Products	Gravimetric Digital Density Meter
		Cold Filter Plugging Point of Diesel, Heating Fuels, and Related Distillate Fuels	Gravimetric Automated Cold Filter Plugging Point Apparatus
		Vapor Pressure of Petroleum Products and Liquid Fuels	Gravimetric Vapor Pressure Apparatus
		Freezing Point of Aviation Fuels	Gravimetric Automatic Phase Transition Method
		Heat of Combustion of Natural Gas and Related Petroleum Products	GC- Calculation

Physical Properties

Sub-Category of Reference Material	ILAC RM Category	Class or Type of Reference Materials Produced (Include Range Where Applicable)	Methods or Techniques Used in the RMP Laboratory (if Appropriate)
		Water Content in Petroleum Products, Lubricating Oils, and Additives	Gravimetric Coulometric Karl Fischer Titration
		Boiling Range Distribution of Petroleum Fractions	Gravimetric GCxPID

Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, Ucrm values, and other specific lot values. Some of this information may also be available on the RMP's website.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AR-2925.



R. Douglas Leonard Jr., VP, PILR SBU

