



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

SGS CHILE SOCIEDAD DE CONTROL LTDA.

AVENIDA TRES PONIENTE # 800
MAIPU, 9250000, CHILE

Testing Laboratory TL-871

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Expiry Date November 1, 2026

Effective Date January 30, 2024



A handwritten signature in black ink, reading "Raj Nathan".

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

SGS CHILE SOCIEDAD DE CONTROL LTDA.

Contact Name Soledad Rodriguez

Contact Phone +56-966894105

Accredited to ISO/IEC 17025:2017

Effective Date January 30, 2024

Petroleum Products: Chemistry for Fuels and Lubricant Oils	
ASTM D56	Standard Test Method for Flash Point by Tag Closed Cup Tester
ASTM D86	Standard Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure
ASTM D93	Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester
ASTM D95	Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation
ASTM D97	Standard Test Method for Pour Point of Petroleum Products
ASTM D130	Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test
ASTM D381	Standard Test Method for Gum Content in Fuels by Jet Evaporation
ASTM D445	Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)
ASTM D473	Standard Test Method for Sediment in Crude Oils and Fuel Oils by the Extraction Method
ASTM D482	Standard Test Method for Ash from Petroleum Products
ASTM D976	Standard Test Method for Calculated Cetane Index of Distillate Fuels
ASTM D1267	Standard Test Method for Gauge Vapor Pressure of Liquefied Petroleum (LP) Gases (LP-Gas Method)
ASTM D1298	Standard Test Method for Density, Relative Density, or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method
ASTM D1322	Standard Test Method for Smoke Point of Kerosene and Aviation Turbine Fuel
ASTM D1657	Standard Test Method for Density or Relative Density of Light Hydrocarbons by Pressure Hydrometer
ASTM D1838	Standard Test Method for Copper Strip Corrosion by Liquefied Petroleum (LP) Gases
ASTM D2158	Standard Test Method for Residues in Liquefied Petroleum (LP) Gases

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ASTM D2163	Standard Test method for Determination of Hydrocarbons in Liquefied Petroleum (LP) Gases and Propane/Propene Mixtures by Gas Chromatography
ASTM D2500	Standard Test Method for Cloud Point of Petroleum Products and Liquid Fuels
ASTM D2598	Standard Practice for Calculation of certain Physical Properties of Liquefied Petroleum (LP) Gases from Compositional Analysis 5.1 Calculated LP-Gas Vapor Pressure
ASTM D2598	Standard Practice for Calculation of certain Physical Properties of Liquefied Petroleum (LP) Gases from Compositional Analysis 5.2 Calculated Relative Density
ASTM D2598	Standard Practice for Calculation of certain Physical Properties of Liquefied Petroleum (LP) Gases from Compositional Analysis 5.3 Calculated Motor Octane Number
ASTM D2699	Standard Test Method for Research Octane Number of Spark-Ignition Engine Fuel
ASTM D2709	Standard Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge
ASTM D2713	Standard Test Method for Dryness of Propane (Valve Freeze Method)
ASTM D3588	Standard Practice for Calculating Heat Value Compressibility Factor, and Relative Density of Gaseous Fuels
ASTM D4176	Standard Test Method for Free Water and Particulate Contamination in Distillate Fuels (Visual Inspection Procedures)
ASTM D4530	Standard Test Method for Determination of Carbon Residue (Micro Method)
ASTM D4052	Standard Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter
ASTM D4815	Standard Test Method for Determination of MTBE, ETBE, TAME, DIPE, tertiaryAmyl Alcohol and C1 to C4 Alcohols in Gasoline by Gas Chromatography
ASTM D5186	Standard Test Method for Determination of the Aromatic Content and Polynuclear Aromatic Content of Diesel Fuels By Supercritical Fluid Chromatography
ASTM D5191	Standard Test Method for Vapor Pressure of Petroleum Products (Mini Method)
ASTM D5453	Standard Test Method for Determination of Total Sulfur in Light Hydrocarbons, Spark Ignition Engine Fuel, Diesel Engine Fuel, and Engine Oil by Ultraviolet Fluorescence
ASTM D6371	Standard Test Method for Cold Filter Plugging Point of Diesel and Heating Fuels
ASTM D6595	Standard Test Method for Determination of Wear Metals and Contaminants in Used Lubricating Oils or Used Hydraulic Fluids by Rotating Disc Electrode

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	Atomic Emission Spectrometry Metales - Zinc, Calcium, Aluminium, Silicon, Lead, Potassium, Boron, Sodium, Molybdenum, Magnesium, Barium, Titanium, Silver, Iron, Copper, Vanadium, Tin, and Chromium.
ASTM D6667	Standard Test method for Determination of Total Volatile Sulfur in Gaseous Hydrocarbons and Liquefied Petroleum Gases by Ultraviolet Fluorescence
ASTM D7596	Standard Test Method for Automatic Particle Counting and Particle Shape Classification of Oils Using a Direct Imaging Integrated Tester
ASTM E203	Standard Test Method for Water Using Volumetric Karl Fischer Titration
NCh 74	Gases Licuado de Petróleo – Determinación de Volatilidad
NCh 2394	Gases licuados de petróleo y gas natural- ensayo de olor