

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: National Research Council Canada,
Metrology Research Centre GD-MS TEST
UNIT, CHEMICAL METROLOGY

Location Name or Operating as (if applicable): Ottawa, ON

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Website: <https://nrc.canada.ca/en/research-development/products-services/technical-advisory-services/glow-discharge-mass-spectrometry-gd-ms-analysis>

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SCC File Number:	15592
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical
Initial Accreditation:	2002-10-24
Most Recent Accreditation:	2024-02-19
Accreditation Valid to:	2026-10-24

CHEMICALS AND CHEMICAL PRODUCTS

Chemical Compounds (not specified elsewhere):

Inorganic

Glow discharge mass spectrometric analysis of high purity metals and semiconductor materials Silver, Aluminum, Aluminum Oxide, Arsenic, Gold, Bismuth Oxide, Bismuth Telluride, Bismuth, Beryllium, Carbon, Cadmium, Cadmium Selenide, Cadmium Telluride, Cadmium Tellurium Selenide, Cadmium Zinc Telluride, Cobalt, Chromium, Copper, Iron, Gallium, Gallium Arsenide, Gallium Oxide, Gallium Phosphide, Gallium Antimonide, Germanium, Germanium Oxide, Germanium Selenide, Mercury Telluride, Indium, Indium Arsenide, Indium Phosphide, Indium Antimonide, Magnesium, Manganese, Molybdenum, Nickel, Lead, Lead/Tin, PMN-PT, Rhenium, Antimony, Selenium, Silicon, Silica, Tin, Tantalum, Tellurium Oxide, Tellurium, Titanium, Thallium, Tungsten, Vanadium, Zinc, Zinc Oxide, Zinc Selenide, Zinc Telluride, Zirconium

Purity analysis of metals (Al, Ag, As, Au, Be, Cd, Co, Cr, Cu, Fe, Mg, Mn, Mo, Ni, Pb, Sb, Se, Sn, Te, Ti, V, Zn) having amount content in the range 0.999 kg/kg to 0.9999999 kg/kg with associated expanded uncertainties ($k=2$) of 0.005 kg/kg to 0.0000005 kg/kg.

Number of Scope Listings: 2

Notes:

ISO/IEC 17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories

* These test methods can be performed on-site as per RG-Lab.

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc.ca.

Elias Rafoul
 Vice-President, Accreditation Services
 Publication on: 2024-02-21