

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory:	Radioprotection Inc.
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SCC File Number:	151295
Accreditation Standard:	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Ionizing Radiation
Initial Accreditation:	2024-04-15
Most Recent Accreditation:	2024-04-15
Accreditation Valid to:	2028-04-15

*Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.
Note: This scope of accreditation is also available in French as a separately issued document.*

CALIBRATION OF MEASURING AND TEST EQUIPMENT

For calibration measurement capability, please refer to the Canadian Calibration Network web page at the National Research Council of Canada. This laboratory is accredited by the Standards Council of Canada as part of the Calibration Laboratory Assessment Service (CLAS) program and is listed at nrc.canada.ca.

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental:

Radio Chemistry

RDP-MO-002	Solid scintillation leak tests. Leak testing of gamma emitting radioactive sources by activity analysis of smear samples
	Equipment used: Hidex AMG Gamma Counter model 425-601 and several radioactive standards (1 for each isotope to be analyzed)
	A known activity standard is inserted into the scintillation counter. A counting efficiency value for the isotope is obtained by comparing the counts per minute (CPM) and activity (Bq). This efficiency is subsequently used to convert the CPM of the sample into activity
	Scope isotopes: Cs-137, Am-241, Co-60

Number of Scope Listings: 1

Notes:

ISO/IEC 17025:2017: General requirements for the competence of testing and calibration laboratories

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
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