

PROFICIENCY TESTING PROVIDER (PTP) ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory: **SUPERINTENDENCIA DEL MEDIO AMBIENTE (SMA)**

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SCC File Number:	15983
Accreditation Standard(s):	ISO/IEC 17043:2010
Proficiency Testing Scheme/Field of Testing:	Environmental Chemistry Chemical/Physical
Program Specialty Area:	Proficiency Testing Provider
Initial Accreditation:	2014-11-07
Most Recent Accreditation:	2024-01-08
Accreditation Valid to:	2026-11-07

Remarque: La présente portée d'accréditation existe également en français. La version française est publiée séparément.

Note: This scope of accreditation is also available in French as a separately issued document.

PROFICIENCY TESTING PARAMETERS FOR WHICH THE PROVIDER IS ACCREDITED

Program (PT Scheme)	Type of Proficiency Testing Item	Measurand (parameter)	Concentration Range (mg/L); min-max ¹
Metals – industrial wastewater chemistry	Wastewater, effluent	Aluminium	0,1 – 50
		Arsenic	0,005 – 50
		Cadmium	0,005 – 50
		Chromium	0,5 – 50
		Copper	0,05 – 50
		Tin	0,1 – 50
		Iron	1 – 50
		Manganese	0,05 – 50
		Molybdenum	0,05 – 50
		Nickel	0,05 – 50
		Lead	0,005 – 50
		Selenium	0,005 – 5
		Zinc	0,5 - 50
Metals – contaminant water chemistry	Water, surface water	Arsenic	0,1 – 6
		Cadmium	0,005 – 6
		Copper	0,005 – 6
		Chromium	0,005 – 6
		Zinc	0,01 – 20
		Iron	0,2 – 50
		Nickel	0,005 – 6
		Lead	0,005 - 6
Gravimetry of filters with particulate material	Air filter	Particulate material	0,1 – 1.000 mg

Number of Scope Listings: 03

Notes:

ISO/IEC 17043:2010: Conformity assessment - General requirements for proficiency testing

¹ **Assigned values** are determined via three options:

- a) Consensus, when there are 20 or more participants enrolled in;
- b) Certified concentrations, included in the CRM's certificate of analysis provided by approved subcontractor;
- c) Concentrations (preparation value) related to the preparation report of the reference material (RM) provided by approved subcontractor.

Uncertainty is applicable in all three options.

Formatting numbers and decimal marker: Comma (,) is used to separate an integral part of number from the decimal part; point (.) is used to separate thousands.

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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