



PROFICIENCY TESTING PROVIDER (PTP) ACCREDITATION PROGRAM

Scope of Accreditation

Accredited Laboratory No. 795

Legal Name of Accredited Laboratory:	SUPERINTENDENCIA DEL MEDIO AMBIENTE
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SCC File Number:	15983
Accreditation Standard(s):	ISO/IEC 17043:2010
Proficiency Testing Scheme/Field of Testing:	Chemical/Physical
Program Specialty Area:	Proficiency Testing Provider
Initial Accreditation:	2014-11-07
Most Recent Accreditation:	2020-06-29
Accreditation Valid to:	2022-11-07

PROFICIENCY TESTING PARAMETERS FOR WHICH THE PROVIDER IS ACCREDITED

Volatile organic compounds, BTEX and THM - effluents

Parameters	Concentrations (min - max)
1,1,1-trichloroethane	0.01 mg/L to 10 mg/L
1,1,2,2-tetrachloroethane	0.01 mg/L to 10 mg/L
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1,1,2-trichloroethane	0.01 mg/L to 10 mg/L
1,1-dichloroethane	0.01 mg/L to 10 mg/L
Chlorobenzene	0.01 mg/L to 10 mg/L
1,1-dichloroethene	0.01 mg/L to 10 mg/L
1,2-dichlorobenzene	0.01 mg/L to 10 mg/L
1,2-dichloroethane	0.01 mg/L to 10 mg/L
1,2-dichloroethene (cis)	0.01 mg/L to 10 mg/L
1,2-dichloroethene (trans)	0.01 mg/L to 10 mg/L
1,2-dichloropropane	0.01 mg/L to 10 mg/L
1,3-dichlorobenzene	0.01 mg/L to 10 mg/L
1,3-dichloropropene (cis)	0.01 mg/L to 10 mg/L
1,3-dichloropropene (trans)	0.01 mg/L to 10 mg/L
1,4-dichlorobenzene	0.01 mg/L to 10 mg/L
Benzene (BTEX and VOC)	0.01 mg/L to 10 mg/L
Bromodichloromethane (THM)	0.01 mg/L to 10 mg/L
Bromoforme (THM)	0.01 mg/L to 10 mg/L
Chloroforme (THM and VOC)	0.01 mg/L to 10 mg/L
Vinyl chloride	0.01 mg/L to 10 mg/L
Dibromochloromethane (THM)	0.01 mg/L to 10 mg/L
Dichloromethane	0.01 mg/L to 10 mg/L
Ethylbenzene (BTEX and VOC)	0.01 mg/L to 10 mg/L
m,p-xylene (BTEX and VOC)	0.01 mg/L to 10 mg/L
o-xylene (BTEX and VOC)	0.01 mg/L to 10 mg/L
Styrene	0.01 mg/L to 10 mg/L
Carbon tetrachloride	0.01 mg/L to 10 mg/L
Toluene (BTEX and VOC)	0.01 mg/L to 10 mg/L
VOC total	0.01 mg/L to 10 mg/L
Trichloroethene	0.01 mg/L to 10 mg/L

Metals - effluents

<u>Parameters</u>	<u>Concentrations (min - max)</u>
Aluminium	1 mg/L to 10 mg/L
Silver	0.02 mg/L to 1 mg/L
Arsenic	0.1 mg/L to 10 mg/L
Barium	0.3 mg/L to 10 mg/L
Cadmium	0.01 mg/L to 10 mg/L
Chromium	0.5 mg/L to 10 mg/L
Cobalt	1 mg/L to 10 mg/L
Copper	0.1 mg/L to 10 mg/L
Tin	0.3 mg/L to 10 mg/L
Iron	2 mg/L to 50 mg/L
Manganese	0.05 mg/L to 2 mg/L



Mercury	0.0005 mg/L to 0.5 mg/L
Molybdenum	0.1 to 10 mg/L
Nickel	0.2 mg/L to 10 mg/L
Lead	0.05 mg/L to 5 mg/L
Selenium	0.01 mg/L to 0.5 mg/L
Zinc	0.5 mg/L to 20 mg/L

Oil and grease, hydrocarbons - effluents

Parameters	Concentrations (min - max)
Synthetic oil and grease (grav.)	0.3 mg/L to 200 mg/L
Total oil and grease (grav.)	0.3 mg/L to 200 mg/L

Number of Parameters: 50

Notes:

ISO/IEC 17043:2010: Conformity Assessment - General Requirements for Proficiency Testing

Clients Served: Organismo Público del Gobierno de Chile. (Public Entity of the Chilean Government)

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.

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Publication on: 2020-06-30