



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

QUALITY LAB LTDA.
Ruta J55 km 8 (Fundo El Techo, Lote 10)
Camino Los Queñes Curico, Chile
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ENVIRONMENTAL

Valid To: November 30, 2020

Certificate Number: 4861.03

In recognition of the successful completion of the A2LA evaluation process, including an evaluation of the organization's compliance with The NELAC Institute's National Environmental Field Activities Program (NEFAP) Field Sampling and Measurement Organization Volume 1 Standard (TNI FSMO V1 2014 Rev 2.0), accreditation is granted to this organization to perform recognized methods using the following testing technologies and in the analyte categories identified below:

FSMO Type:

Commercial, Public and Private Water System, Public and Private Wastewater System, Industrial

Mobile Units: Not Applicable

Sampling:

<u>Matrix</u>	<u>Technology</u>	<u>Internal Procedure</u>	<u>Test Method/Reference Procedures(s)</u>
Drinking Water, Drinking Fountains, Processing Water	Grab Sampling, Automatic Samplers	PT 02-10 ITMQ 01-09	NCh 409/2 Drinking Water Part 2 – Sampling; NCh 411/3 Guide on the Preservation and Handling of Samples; NCh 411/5 Guidance on Sampling of Drinking Water and Water used for Food and Beverage Processing; NCh ISO 5667/1 Guidance on the Design of Sampling Programs and Sampling Techniques; NCh ISO 5667/5 Guidance on Sampling of Drinking Water from Treatment Works and Piped Distribution Systems
Superficial Water, Underground Water	Grab Sampling, Automatic Samplers	PT 02-10 ITMQ 01-08 ITMQ 01-07	NCh 411/3 Guide on the Preservation and Handling of Samples; NCh 411/11 Guide for the Sampling of Underground Water; NCh ISO 5667/1 Guidance on the Design of Sampling Programs and Sampling Techniques; NCh ISO 5667/4 Guidance on Sampling from Lakes, Natural and Man-Made; NCh ISO 5667/6 Guide for the Sampling of Rivers and Water Courses
Wastewater	Grab Sampling, Automatic Samplers	PT 02-10 ITMQ 01-02	NCh 411/3 Guide on the Preservation and Handling of Samples; NCh 411/10 Guide for the Sampling of Wastewaters; NCh ISO 5667/1 Guidance on the Design of Sampling Programs and Sampling Techniques; NCh 3205 Flowmeters of Wastewater Requirements

Measurement (Analysis on Field): Drinking Water, Drinking Fountains, Wastewater, Superficial and Underground Water, Processing Water

<u>Parameter/ Analyte</u>	<u>Technology</u>	<u>Internal Procedure</u>	<u>Test Method/Reference Procedures(s)</u>
Dissolved Oxygen	Polarographic Probe	ITEQ 02-25	SM 4500-O G
Electrical Conductivity	Electrode Cell Probe	ITEQ 02-20	SM 2510 B
pH	Potentiometric	ITEQ 02-03	SM 4500 H B ME-29-2007

<u>Parameter/ Analyte</u>	<u>Technology</u>	<u>Internal Procedure</u>	<u>Test Method/Reference Procedures(s)</u>
pH Online	Potentiometric	ITEQ 01-02	Equipment Manual
Residual Free Chlorine, Total Chlorine	Colorimetric	ITEQ 02-19	SM 4500-Cl G
Settleable Solids	Imhoff Cone	ITEQ 01-07	SM 2540 F NCh 2313/4
Temperature	Thermistor	ITEQ 02-26	SM 2550 B
Temperature Online	Thermistor	ITEQ 01-02	Equipment Manual
Water Flow	Volumetric, Metered	ITEQ 01-02	Equipment Manual



Accredited Laboratory

A2LA has accredited

QUALITY LAB LTDA

Curico, CHILE

for technical competence in the field of

Environmental Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA R219 – *Specific Requirements – TNI Field Sampling and Measurement Organization Accreditation*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).



Presented this 27th day of September 2019.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4861.03
Valid to November 30, 2020
Revised September 25, 2020

For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.