



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
Valentina Arriagada González Phone: 56 75 2 431169

ENVIRONMENTAL

Valid To: June 30, 2022

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 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>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 Programmes 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 Programmes 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 |

| <u>Matrix</u> | <u>Technology</u> | <u>Internal Procedure</u> | <u>Reference Procedures(s)</u> |
|---------------|-----------------------------------|---------------------------|--|
| 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 Programmes 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>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 |
| 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 1st day of February 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4861.03
Valid to June 30, 2022

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