



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

QUALIFIED SPA - CONCEPCION
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Concepción, CHILE
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ENVIRONMENTAL

Valid To: January 31, 2024

Certificate Number: 3921.06

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: Trucks

Water Sampling:

<u>Description of Inspection</u>	<u>Method/Specification</u>	<u>Product Type(s)</u>
Drinking Water Sampling	PMIQ-007 based on NCh409/2, NCh-ISO 5667/1, NCh411/3, NCh411/5, NCh411/11	Drinking Water, Drinking Fountains, Processing Water
Surface and Groundwater Sampling	PMIQ-009 based on NCh409/2, NCh-ISO5667/1, NCh-ISO5667/4, NCh-ISO5667/6, NCh411/3, NCh411/8, NCh411/9, NCh411/11	Surface, Continental and/or Raw Water (Oceanic and Marine Masses, Lakes, Reservoirs, Rivers and Streams) and Those Destined for Human Consumption and Source of Catchment
Wastewater Sampling	PMIQ-010 based on NCh3205, NCh-ISO5667/1, NCh411/3, NCh411/10	Wastewater

Water Measurements: Drinking Water, Drinking Fountains, Wastewater, Superficial and Underground Water

<u>Test</u>	<u>Test Method</u>
Colorimetric Methods	
Residual Free Chlorine, Total Chlorine in Drinking Water, Water Supply Sources, Wastewater, Superficial and Underground Water	PTQ-002 based on SM 4500-Cl G
Potentiometric Methods	
pH in Drinking Water, Water Supply Sources, Wastewater, Superficial and Underground Water	PTQ-001 based on SM 4500 H ⁺ B; NCh 409/2, 411/10

<u>Test</u>	<u>Test Method</u>
Potentiometric Methods (cont.)	
pH Online in Water Supply Sources, Wastewater, Superficial and Underground Water.	PTQ-001
Conductivity and in Drinking Water, Water Supply Sources, Wastewater, Superficial and Underground Water	PTQ-001 based on SM 2510 B
Nephelometric Methods	
Turbidity in Drinking Water, Water Supply Sources, Wastewater, Superficial and Underground Water	PTQ-003 based on SM 2130B
Others	
Temperature in Drinking Water, Water Supply Sources, Wastewater, Superficial and Underground Water	PTQ-001
Temperature Online in Drinking Water, Water Supply Sources, Wastewater, Superficial and Underground Water	PTQ-001
Odor in Drinking Waters	PTQ-004 based on SISS ME-25-2013
Flavor in Drinking Waters	PTQ-004 based on SISS ME-26-2013



Accredited Laboratory

A2LA has accredited

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Concepción, 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 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 15th day of February 2022.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3921.06
Valid to January 31, 2024

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