



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MOAM LTDA.  
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ENVIRONMENTAL

Valid To: November 30, 2023

Certificate Number: 5471.01

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, Industrial

**Mobile Units:** Not Applicable

**Sampling:**

<b><u>Matrix</u></b>	<b><u>Technology</u></b>	<b><u>Procedure(s)</u></b>	<b><u>Reference Method(s)</u></b>
Superficial Waters (Lagoons, River and Channels); Underground water; Water Supply Sources; Water for Industrial Purposes	Grab Sampling, Flow Monitoring (Superficial Sampling Lagoons)	PT-MOAM-05 rev.5	NCh-ISO5667/4:2016. Guide for the Sampling of Natural and Artificial Lagoons. NCh-ISO5667/6:2015. Guide for the Sampling of Rivers and Water Courses NCh411/11:1998. Guide for the Sampling of Underground Water
Drinking Water	Grab Sampling	PT-MOAM-05 rev.5	NCh411/5:1996. Guide for the Sampling of Drinking Water and Water Used in Beverages Industries

**Measurement (Analysis on Field):** Drinking water, water supply sources, water for industrial purposes, superficial and underground Water

<b><u>Parameter/Analyte</u></b>	<b><u>Technology</u></b>	<b><u>Procedure(s)</u></b>	<b><u>Reference Method(s)</u></b>
Residual Free Chlorine in Drinking Water	Colorimetric	IT-MOAM-05 rev.2	NCh-409/2. Of.94. Drinking Water/Part.2 Sampling Operational Instructions HI 96711 HANNA Instruments KIT
Total Chlorine in Drinking Water	Colorimetric	IT-MOAM-05 rev.2	NCh-409/2. Of.94. Drinking water/Part.2 Sampling Operational Instructions HI 96711 HANNA Instruments KIT
Electrical Conductivity in Water Supply Sources, Water for Industrial Purposes, Superficial and Underground Water	Electrode Cell Probe	IT-MOAM-02 rev.1	SM 2510 B Conductivity Operational Instructions Multi 340i. WTW. March 2004.
pH in Water Supply Sources, Water for Industrial Purposes, Superficial and Underground Water	Potentiometric	IT-MOAM-02 rev.1	SM 4500-H+ PH Operational Instructions Multi 340i. WTW. March 2004.
Temperature in Water Supply Sources, Water for Industrial Purposes, Superficial and Underground Water	Thermistor	IT-MOAM-02 rev.1	SM 2550-Temperature Operational Instructions Multi 340i. WTW. March 2004.
Liquid Flow in Open Channels and Rivers.	Current-meters	PT-MOAM-04 rev.4	ISO 748:2007 Hydrometric Measurement of Liquid Flow in Open Channels Using Current-Meters or Floats
Water Level in Superficial Water	Longitudinal	PT-MOAM-03 rev.4	ASTM D5413-93, Standard Test Methods for Measurement of Water Levels in Open-Water Bodies
Water Level in Underground Water	Longitudinal	PT-MOAM-02 rev.3	ISO 21413:2005, Manual Methods for the Measurement of a Groundwater Level in a Well
Water Level in Water Supply Sources and Water for Industrial Purposes	Longitudinal	PT-MOAM-03 rev.4 PT-MOAM-02 rev.3	ASTM D5413-93, Standard Test Methods for Measurement of Water Levels in Open-Water Bodies ISO 21413:2005, Manual Methods for the Measurement of a Groundwater Level in a Well



# Accredited Laboratory

A2LA has accredited

**MOAM LTDA.**

*Santiago, 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 Program*. 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 24<sup>th</sup> day of May 2022.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 5471.01  
Valid to November 30, 2023

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