



INTERNATIONAL  
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# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **BIODIVERSA S.A LABORATORIO VIÑA DEL MAR**

22 NORTE 1150 – VIÑA DEL MAR  
VALPARAISO, 2530019, CHILE

### **Testing Laboratory TL-1210**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Expiry Date March 1, 2025

Effective Date February 21, 2024



*International Accreditation Service*  
Issued under the authority of IAS management

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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## BIODIVERSA S.A LABORATORIO VIÑA DEL MAR

[www.biodiversa.com](http://www.biodiversa.com)

**Contact Name** Paola Nelson

*Accredited to ISO/IEC 17025:2017*

**Contact Phone** +56 978875865

*Effective Date February 21, 2024*

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Environmental Inorganic	Wastewater	Aluminum	<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).
		Arsenic	<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).
		Cadmium	<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
<b>Environmental Inorganic</b> (cont'd.)	Wastewater (cont'd.)	Chromium	<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).
	Copper		<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).
	Iron		<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).
	Lead (cont'd.)		<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).

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<b>Environmental Inorganic</b> (cont'd.)	Wastewater (cont'd.)	Manganese	<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).
		Molybdenum	<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).
		Nickel	<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).
		Tin	<b>INS.TEC-060 Version 01 Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method</b> Based on NCh2313/25:1997 Wastewater - Methods of Analysis - Part 25: Determination of Metals by Plasma Emission Spectroscopy - Inductively Coupled Plasma (I.C.P.) Method and EPA Method 200.7 (Determination of Metals and Trace Elements in Waters and Design Waters by ICP-AES).

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