



INTERNATIONAL
ACCREDITATION
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CERTIFICATE OF ACCREDITATION

This is to attest that

LABORATORIO ROBOTIZADO GEOASSAY ANTOFAGASTA

AVENIDA RUTA DEL COBRE 320, SITIO 18-19
ANTOFAGASTA 1240000, CHILE

Testing Laboratory TL-999

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.

Effective Date May 16, 2024



International Accreditation Service
Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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LABORATORIO ROBOTIZADO GEOASSAY ANTOFAGASTA

www.geoassayweb.cl

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Accredited to ISO/IEC 17025:2017

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemistry – Mining	Copper Minerals	Gold (Au)	PT-LB-MIN-ANF-001 Based on ISO 10378:1994 – Copper sulfide concentrates – Determination of gold and silver contents – Fire assay gravimetric and flame atomic absorption spectrometric method
		Copper (Cu) and Iron (Fe)	PT-LB-MIN-ANF-002 Based on Harris.D, Análisis Químico cuantitativo. Burriel F. Química Analítica Cualitativa. Ed. Thompson. 2008. Skoog. Douglas A, Fundamentos de Química Analítica, vol 2, Ed. Reverté 2001. Metals in Copper Minerals by Atomic Absorption Spectrometry
		Arsenic (As), Copper (Cu), Molybdenum (Mo) and Silver (Ag)	PT-LB-MIN-ANF-004 Based on Harris.D, Análisis Químico cuantitativo. Burriel F. Química Analítica Cualitativa. Ed. Thompson. 2008. Skoog. Douglas A, Fundamentos de Química Analítica, vol 2, Ed. Reverté 2001. Metals in Copper Minerals by Atomic Absorption Spectrometry
	Copper Concentrate	Copper (Cu)	PT-LB-CON-ANF-003 Based on ISO 10258 – Copper sulfide concentrates – Determination of Copper content – Titrimetric methods

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