



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Laboratorio Tecnológico de Metalurgia LTM, S.A. de C.V.
Carretera a Tecoripa Km 3.5, #351, Parque Industrial
Hermosillo, Sonora, México. CP. 83299

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Chemical Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:

January 01, 2020

Issue Date:

December 29, 2023

Expiration Date:

February 28, 2026

Accreditation No.:

104432

Certificate No.:

L23-950

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlab.com



Certificate of Accreditation: Supplement

Laboratorio Tecnológico de Metalurgia LTM, S.A. de C.V.

Carretera a Tecoripa Km 3.5, #351, Parque Industrial

Hermosillo, Sonora, México. CP. 83299

Contact Name: Rodrigo Martinez Peñuñuri Phone: 662- 251-0503

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
Chemical ^F	Ores, Metallurgical Materials and Related	Determination of Elements	Analytical Instrumentation Procedure Section 4.3	Inductively Coupled Plasma Optical Emission Spectroscopy (ICP OES)
		Fire Assay - Determination of Gold	Analytical Instrumentation Procedure Section 4.1.3	Atomic Absorption Spectroscopy (AAS)
		Fire Assay- Determination of Gold (Au)	Acid Digestion Procedure Section 4.6	Gravimetric Method
		Determination of Silver	ASTM E1898	Atomic Absorption Spectroscopy (AAS)
		Fire Assay- Determination of Silver (Ag)	Acid Digestion Procedure Section 4.6	Gravimetric Method
		Determination of Total Copper	Analytical Instrumentation Procedure Section 4.1.3	Atomic Absorption Spectroscopy (AAS)
		Determination of Sequential Copper	Internal Procedure Determination of sequential Copper by AAS.	Atomic Absorption Spectroscopy (AAS)

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this testing at its fixed location.
2. The presence of a superscript O means that the laboratory performs testing of the indicated parameter onsite at customer locations. Example: Outside Micrometer^O would mean that the laboratory performs this