



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

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

***Metrovaltec S.A. de C.V.***

***Mar Caribe #126, Colonia Mitras Norte  
Monterrey, Nuevo León, México. C.P. 64320***

*(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):

***Thermodynamic and Mechanical 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:

May 09, 2020

Issue Date:

June 14, 2024

Expiration Date:

September 30, 2026

Accreditation No.:

65058

Certificate No.:

L24-454

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](http://www.pjlab.com)*





## Certificate of Accreditation: Supplement

### Metrovaltec S.A. de C.V.

Mar Caribe #126, Colonia Mitras Norte  
Monterrey, Nuevo León, México. C.P. 64320

Contact Name: Benito A. Barbosa Phone: 818-190-8436

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

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F2	Thermodynamic <sup>O</sup>	Moist Heat Sterilization In Autoclaves	Installation Qualification IQ Operating Qualification OQ Performance Qualification PQ Uniformity and Stability	Customer Requirements FEUM – USP NOM-059 SSA1 (Section 9.5 and 9.6) NOM-164 SSA1 (Section 8 and 9) PDA Technical Monograph No.1 Revision. Section 10. Dry Block ISOTECH Hyperion, Water Bath Reading Accumac with RTD Burns Engineering	Data Logger HP Agilent 34972A and Thermocouples type T
F1, F2		Oven (Depyrogenation Dry Heat) Incubators Refrigerator Freezer	Installation Qualification IQ Operating Qualification OQ Performance Qualification PQ Uniformity and Stability	Customer Requirements FEUM – USP NOM-059 SSA1 (SECTION 9.5 and 9.6) NOM-164 SSA1 (Section 8 and 9) PDA Technical Monograph No.1 Revision. Section 10 Dry Block ISOTECH Hyperion Water Bath Metal Block Calibrator Automatic Systems Laboratories Reading Accumac with RTD Burns Engineering	





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F1, F2	Thermodynamic <sup>o</sup>	Constant Climate Chambers Environmental Warehouses Stabilities Chamber (Temperature and % Relativity Humidity)	Installation Qualification IQ Operating Qualification OQ Performance Qualification PQ Uniformity and Stability	Customer Requirements FEUM – USP NOM-059 SSA1 (Section 9.5 and 9.6) NOM-164 SSA1 (Section 8 and 9) PDA Technical Monograph No. 1 Revision. Section 10 Dry Block ISOTECH Hyperion Water Bath reading Accumac with RTD Burns Engineering Temperature and Humidity	Data logger HP Agilent 34972A and Thermocouples type T Thermohygrometer Testo Model 174H and 184 H1
F1, F2	Mechanical <sup>o</sup>	Class I BioSafety Cabinet Class II, Type A1 BioSafety Cabinet Class II, Type A2 BioSafety Cabinet Class II Type B1 BioSafety Cabinet Class II Type B2 BioSafety Cabinet	Performance Qualification PQ Uniformity and Stability	Manufacturer's Specifications NSF/ANSI 49 NOM-059 SSA1 (Section 9.5 and 9.6) NOM-025-STPS NOM-011-STPS Airflow Smoke Pattern Test Airflow Test Direct Inflow Method Noise Level Test Visual: Temperature and Humidity	Anemometer Testo Model 425 Alnor Balometer Capture Hood EBT731 Luxometer Lutron LX-1108 Sonometer Testo 815 Clamp Meter Testo 770-3 Smoke Pen Bjornax AB Sweden Thermohygrometer Testo Model 174H
F1, F2		Chemical Fume Hoods, Ductless Fume Hoods	Performance Qualification PQ Uniformity and Stability	Manufacturer's Specifications ASHRAE 110 NOM-059 SSA1 (Section 9.5 and 9.6) NOM-025-STPS NOM-011-STPS Airflow Smoke Pattern: Visual Face Velocity Inflow Voltage: Temperature and Humidity	





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F1, F2	Mechanical <sup>O</sup>	Clean Room	Performance Qualification PQ Uniformity and Stability	NOM-059 SSA1 (Section 9.5 and 9.6) NOM-025-STPS Air Velocity in Laminar Volume & Uniformity Pressurization Test Smoke Pattern Visual Temperature Humidity	Anemometer Testo Model 425 Alnor Balometer Capture Hood EBT731 Luxometer Lutron LX-1108 Sonometer Testo 815 Clamp Meter Thermohygrometer Testo Model 174H

1. The presence of a superscript O means that the laboratory performs testing of the indicated parameter onsite at customer locations.
2. Flex Code:  
F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method  
F2-Introduction of a new version of an accredited standard method (with no modifications)  
F3-Introduction of a new parameter/component/analyte to an accredited test method  
F4- Introduction of a new version or modifications of an accredited non-standard method  
F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)