PERRY JOHNSON LABORATORY ACCREDITATION, INC.

PJLA

Certificate of Accreditation

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

AMS TEST, E.I.R.L.

Av. Huarochirí No. 424, Urb. Santa Raquel-Ate,
Lima, Perú. C.P. 15012

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Mass, Force and Weighing Devices, Thermodynamic, Mechanical and Fluid Quantities Calibration

(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
March 13, 2026	March 13, 2026	May 31, 2028

Accreditation No.:	*Certificate No.:*
133682	L26-215

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.pjlabs.com

Certificate of Accreditation: Supplement

Laboratory Name
AMS TEST, E.I.R.L.
Av. Huarochirí No. 424, Urb. Santa Raquel-Ate,
Lima, Perú. C.P. 15012
Contact Name: José Antonio Suárez Pino. Phone: 51-993-206-041

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Mass, Force and Weighing Devices	Balance (Class I)	Up to 0.8 g	(0.004 + 0.05Wt) mg	Weights, OIML E2, F1, M1, M2	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class I)	0.8 g to 1 g	(0.098 - 0.08Wt) mg	Weights, OIML E2, F1, M1, M3	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class I)	1 g to 1.8 g	(-0.025 + 0.044Wt) mg	Weights, OIML E2, F1, M1, M4	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class I)	1.8 g to 2 g	(0.322 - 0.15Wt) mg	Weights, OIML E2, F1, M1, M5	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class I)	2 g to 5.1 g	0.043 mg	Weights, OIML E2, F1, M1, M6	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class I)	5.1 g to 10 g	0.037 mg	Weights, OIML E2, F1, M1, M7	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class I)	10 g to 2 300 g	(0.032 + 0.001 6Wt) mg	Weights, OIML E2, F1, M1, M8	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class I)	2 300 g to 3 000 g	(-30.54 + 0.014 2Wt) mg	Weights, OIML E2, F1, M1, M9	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class I)	3 000 g to 12 200 g	(3 + 0.003Wt) mg	Weights, OIML E2, F1, M1, M10	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class II)	Up to 3 100 g	(1.2 + 0.000 6Wt) mg	Weights, OIML E2, F1, M1, M2	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class II)	3 100 g to 5 000 g	(-14.8 + 0.005 8Wt) mg	Weights, OIML E2, F1, M1, M2	PC-011/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class II)	5 000 g to 16 200 g	(1.2 + 0.003Wt) mg	Weights, OIML E2, F1, M1, M2	PC-011/ INACAL	F1, F2	O

Certificate of Accreditation: Supplement

PJLA

Laboratory Name
AMS TEST, E.I.R.L.

Av. Huarochirí No. 424, Urb. Santa Raquel-Ate,
Lima, Perú. C.P. 15012
Contact Name: José Antonio Suárez Pino. Phone: 51-993-206-041

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Mass, Force and Weighing Devices	Balance (Class III, IIII)	Up to 620 g	7.2 mg	Weights, OIML E2, F1, M1, M2	PC-001/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class III, IIII)	620 g to 1 000 g	(-4.14 + 0.018 3Wt) mg	Weights, OIML E2, F1, M1, M2	PC-001/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class III, IIII)	1 000 g to 6 200 g	(11.4 + 0.002 6Wt) mg	Weights, OIML E2, F1, M1, M2	PC-001/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class III, IIII)	6 200 g to 7 000 g	(-4 035 + 0.655Wt) mg	Weights, OIML E2, F1, M1, M2	PC-001/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Balance (Class III, IIII)	7 000 g to 300 000 g	(-0.05 + 0.000 09Wt) g	Weights, OIML E2, F1, M1, M2	PC-001/ INACAL	F1, F2	O
Mass, Force and Weighing Devices	Weights	5 kg	0.13 g	Weights, OIML M1	PC-008/INACAL	F1, F2	F
Mass, Force and Weighing Devices	Weights	10 kg	0.33 g	Weights OIML M1	PC-008/INACAL	F1, F2	F
Mass, Force and Weighing Devices	Weights	20 kg	0.51 g	Weights OIML M1	PC-008/INACAL	F1, F2	F
Thermodynamic	Thermometer	-40 °C to 200 °C	0.067 ºC	Thermometer	PC-017/INACAL	F1, F2	F
Thermodynamic	Thermo-Hygrometer (Temperature)	10 °C to 25 °C	(0.27 - 0.005T) ºC	Thermometer / Hygrometer	PC-026/INACAL	F1, F2	F
Thermodynamic	Thermo-Hygrometer (Temperature)	25 °C to 40 °C	(-0.2 + 0014T) ºC	Thermometer / Hygrometer	PC-026/INACAL	F1, F2	F
Thermodynamic	Thermo-Hygrometer (Humidity)	10 % RH to 90 % RH	2 % RH	Thermometer / Hygrometer	PC-026/INACAL	F1, F2	F

Certificate of Accreditation: Supplement

PJLA

Laboratory Name
AMS TEST, E.I.R.L.

Av. Huarochirí No. 424, Urb. Santa Raquel-Ate,
Lima, Perú. C.P. 15012
Contact Name: José Antonio Suárez Pino. Phone: 51-993-206-041

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Thermodynamic	Equipment to Output Temperature (Ovens, Furnaces, Muffles, Freezers) (SAT & TUS)	-27 °C to 195 °C	0.004 1 ºC	Thermometer Multi Channel	PC-018/INACAL	F1, F2	O
Thermodynamic	Environmental Chamber (Temperature) (SAT & TUS)	0 °C to 50 °C	0.05 ºC	Thermometer/ Hygrometer	AMS-PC-01	F1, F3	O
Thermodynamic	Environmental Chamber (Humidity)	10 % RH to 90 % RH	0.21 % RH	Thermometer/ Hygrometer	AMS-PC-01	F1, F3	O
Thermodynamic	Temperature Baths (SAT & TUS)	-40 °C to 200 °C	0.005 ºC	Thermometer	AMS-PC-02	F1, F3	O
Mechanical	Barometers	500 hPa to 1 040 hPa	0.23 hPa	Pressure Gauge	PC-024/INACAL	F1, F2	F
Fluid Quantities	Seraphin Volumetric Meter	189 27.1 mL	5 mL	Standard Type EX Volumetric Meter	Euramet_cg-21	F1, F2	F

1. The CMC (Calibration and Measurement Capability) is expressed in terms of measurement instrument/aspect being calibrated, range, expanded measurement uncertainty, equipment, and method/procedure. The expanded measurement uncertainty stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor k (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the measurement uncertainty included on this scope for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.

Certificate of Accreditation: Supplement

Laboratory Name
AMS TEST, E.I.R.L.

Av. Huarochirí No. 424, Urb. Santa Raquel-Ate,
Lima, Perú. C.P. 15012
Contact Name: José Antonio Suárez Pino. Phone: 51-993-206-041

Accreditation is granted to the facility to perform the following conformity assessment activities:

2. The laboratory's range of calibration capability for all disciplines for which it is accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.

3. Location of activity:

Location Code	Location
F	Conformity assessment activity is performed at the CAB's fixed facility
O	Conformity assessment activity is performed onsite at the CAB's customer location

4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratory's fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratory's fixed location.

5. The term T represents temperature in ºC or ºF as appropriate to the uncertainty statement.

6. The term Wt represents weight in pounds or grams (including SI multiple and submultiple units) appropriate to the uncertainty statement.

7. Flex Codes

F0: When no flexibility is identified. There are no changes to items calibrated, characteristics identified or versions of methods except for updating to the most recent version of a standard method after verification.
F1: The laboratory has the capability to introduce a new instrument, quantity, or gauge for an accredited calibration method.
F2: The laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
F3: The laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
F4: The laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using the same Calibration Equipment or Reference Standards identified on the scope for the same parameter, component, or analyte identified on the line item of the scope.