



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

American Proficiency Test Lab, Corp.
One Riverwalk Place 700 N St Mary's Street, Suite 1400
San Antonio, TX 78205

Fulfills the requirements of

ISO/IEC 17043:2010

In the field of

PROFICIENCY TESTING PROVIDER

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 25 May 2023
Certificate Number: AP-2987



This proficiency testing provider is accredited in accordance with the recognized International Standard ISO/IEC 17043:2010.
This accreditation demonstrates technical competence for a defined scope and the operation of a proficiency testing provider quality management system.

SCOPE OF ACCREDITATION TO ISO/IEC 17043:2010

American Proficiency Test Lab, Corp.
 One Riverwalk Place 700 N St Mary's Street, Suite 1400
 San Antonio, TX 78205
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PROFICIENCY TEST PROVIDER

Valid to: May 25, 2023

Certificate Number: **AP-2987**

Mass

Description of PT Item/Artifact	Properties Measured	Range of Property	Expanded Uncertainty of PT Item/Artifact (+/-) (Including Appropriate units)	Procedure for Establishing Assigned Value
Mass Standards	Conventional Mass	20 kg	0.33 g	ISO 13528 Certified Reference Value or Consensus Value from Expert Laboratories
Compound and Transducer Gage	Pressure, Vacuum	(5.0 to 30) psi (-8 to -20) inHg	(0.034 to 0.038) psi 0.058 inHg	ISO 13528 Certified Reference Value or Consensus Value from Expert Laboratories
Balances	Applied Mass	(5 to 420) g	(8.2 to 18) mg	ISO 13528 Certified Reference Value or Consensus Value from Expert Laboratories

Thermodynamic

Description of PT Item/Artifact	Properties Measured	Range of Property	Expanded Uncertainty of PT Item/Artifact (+/-) (Including Appropriate units)	Procedure for Establishing Assigned Value
Digital Thermometer with Probe	Temperature	(-10 to 120) °C	0.080 °C	ISO 13528 Certified Reference Value or Consensus Value from Expert Laboratories
Humidity Sensor	% of Relative Humidity	(11.3 to 97.5) %RH	(1.2 to 3.0) %RH	ISO 13528 Certified Reference Value or Consensus Value from Expert Laboratories

Thermodynamic

Description of PT Item/Artifact	Properties Measured	Range of Property	Expanded Uncertainty of PT Item/Artifact (+/-) (Including Appropriate units)	Procedure for Establishing Assigned Value
Climatic Chambers (Freezer, Fridge, Incubators, Ovens)	Temperature Uniformity Stability	(-5 to 135) °C	(0.82 to 1.3) °C (1.2 to 1.7) °C	ISO 13528 Certified Reference Value or Consensus Value from Expert Laboratories

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AP-2987.



R. Douglas Leonard Jr., VP, PILR SBU

