



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Aalytical Instruments Inc.
1046-B Hercules Avenue
Houston, TX 77058

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

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 solid horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 23 December 2023
Certificate Number: AC-2830



This laboratory 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 (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Alytical Instruments Inc.

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Houston, TX 77058
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CALIBRATION

Valid to: **December 23, 2023**

Certificate Number: **AC-2830**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Vapor Pressure of Petroleum Products ¹	(6.89 to 130) kPa	0.25 kPa	Digital Manometer ASTM Method D5191 or D6377
Vapor Pressure of Petroleum Products (VPx) ¹	(7 to 150) kPa	0.15 kPa	Digital Manometer ASTM Method D6378

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Flash Point / Temperature Measuring Instrument ¹	(0 to 190) °C	1.1 °C	Temperature Probe ASTM Methods D5188, D6450, D7094, or D5191

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2830.



R. Douglas Leonard Jr., VP, PILR SBU