

# CERTIFICATE OF ACCREDITATION

## **ANSI National Accreditation Board**

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

## Ayalytical Instruments Inc. 1022 Hercules Avenue Houston, TX 77058

has been assessed by ANAB and meets the requirements of international standard

# ISO/IEC 17025:2017

while demonstrating technical competence in the field of

## **CALIBRATION**

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AC-2830 Certificate Number

ANAB Approval

Certificate Valid Through: 12/23/2021

Certificate Valid Through: 12/23/2021 Version No. 001 Issued: 12/23/2019





## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

## **Ayalytical Instruments Inc.**

1022 Hercules Avenue Houston, TX 77058

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## **CALIBRATION**

Valid to: December 23, 2021 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 <sup>1</sup>	(6.89 to 130) kPa	0.25 kPa	Digital Manometer ASTM Method D5191 or D6377
Vapor Pressure of Petroleum Products (VPx) <sup>1</sup>	(7 to 150) kPa	0.15 kPa	Digital Manometer ASTM Method D6378

### **Thermodynamic**

Version 001 Issued: December 23, 2019

	Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Flash Point / Temperature Measuring Instrument <sup>1</sup>		(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.



