CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

IMT Analytics Inc.
9720 Executive Center Dr N, Ste 110
St. Petersburg, FL 33702

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.

Jason Stine, Vice President

Expiry Date: 23 April 2028

Certificate Number: AC-3932

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

IMT Analytics, Inc.

9720 Executive Center Dr N, Ste 110
St. Petersburg, FL 33702

Daniel Benz 727-610-5626
benz@imtanalytics.com

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **17 April 2026**

Certificate Number: **AC-3932** Certificate Expiry Date: **23 Apil 2028**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Gas flow (air) Corrected for Normal Flow Conditions [1]	(10 to 60) mL/min (60.1 to 1 000) mL/min	3.5 % of reading 0.78 % of reading	Comparison to IMT Analytics Calibration bench, using Bronkhorst ultra-low flow (ULF) controller
	(1 to 25) L/min (25.1 to 300) L/min	1 % of reading 0.47 % of reading	Comparison to IMT Analytics Calibration bench, using Bürkert Mass Flow Controller
Gas pressure (differential)	(-350 to 350) mbar g	0.05 % of reading No less than 0.03 mbar	Comparison to IMT Analytics Calibration bench, using a Druck Pace6000 CM2
	(-1 to 10) bar g	0.16 % No less than 1.5 mbar	Comparison to IMT Analytics Calibration bench, using a Druck Pace6000 CM2-B
Gas pressure (absolute)	(920 to 1 020) mbar a	0.36 % of reading No less than 3 mbar	Comparison to IMT Analytics Calibration bench, using a Druck Pace6000 CM2-B

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Gas temperature	(15 to 30) °C	0.5 °C	Comparison to IMT Analytics Calibration bench, using a PT100 Element
Gas humidity	(35 to 80) %RH	2.3 %RH	Comparison to IMT Analytics Calibration bench, using a Rotronic HC2A-SH

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. Normal flow conditions are 0°C at 1013.25 mbar.

Jason Stine, Vice President

1899 L Street NW, Suite 1100-A, Washington, DC 20036
414-501-5494
www.anab.org