



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

**Hamilton Associates Incorporated
DBA Air Techniques International**

**11403 Cronridge Drive
Owings Mills, MD 21117, USA**

Fulfills the requirements of

ISO/IEC 17025:2017

and national standards

**ANSI/NCSL Z540-1-1994 (R2002) and
ANSI/NCSL Z540.3-2006 (R2013)**

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: 08 May 2027

Certificate Number: AC-3384



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

AND

ANSI/NCSL Z540-1-1994 (R2002)

ANSI/NCSL Z540.3-2006 (R2013)

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CALIBRATION

ISO/IEC 17025 Accreditation Granted: **08 May 2025**

Certificate Number: **AC-3384** Certificate Expiry Date: **08 May 2027**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
DC Current Linearity – Generate ATI Photometer	(0.95x10 ⁻⁵ to 1.05x10 ⁻⁵) A (0.95x10 ⁻⁶ to 1.05x10 ⁻⁶) A (0.95x10 ⁻⁷ to 1.05x10 ⁻⁷) A (0.95x10 ⁻⁸ to 1.05x10 ⁻⁸) A (0.95x10 ⁻⁹ to 1.05x10 ⁻⁹) A	0.07 % of reading 0.14 % of reading 0.16 % of reading 0.15 % of reading 0.32 % of reading	Current Simulating using Keithley 6620

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Liquid Flow (Air) ATI photometer	(26.9 to 29.7) ALPM	1.0% of reading	Direct Comparison to Alicat MWB-50SLPM- D/GAS

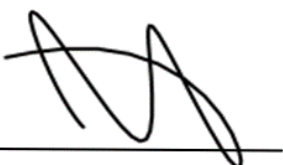
Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Aerosol Response (PAO-4) ATI photometer	(90 to 110) µg/L	2.3 % of reading	Comparison to Gravimetric Method using Electronic Balance, ASTM Class 0 weights ATI Calibra™ 800, ATI Calibra™ PGM, and ATI Calibra™ Precision Photometer
Linearity (Aerosol PAO-4) ATI photometer	(16 to 24) µg/L (0.42 to 0.78) µg/L	4.4 % of reading 9.8 % of reading	Direct Comparison Concentration to the Reference Standard ATI Calibra™ 800, ATI Calibra™ PGM, and ATI Calibra™ Precision Photometer

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:

- 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.



Jason Stine, Vice President