



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Pipettes.com, A Transcat Company

77 Main Street

Hopkinton, MA 01748

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 horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 07 September 2023

Certificate Number: AC-2489.22



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

Pipettes.com, A Transcat Company

77 Main Street
Hopkinton, MA 01748
Aubrey Carr
800-242-6022

CALIBRATION

Valid to: **September 7, 2023**

Certificate Number: **AC-2489.22**


Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pipettes, Burettes, Diluters, Dispensers, Repeaters, Syringes, Controllers, Fillers	(0.1 to 1) μ l	0.017 μ L	Gravimetric method per ISO 8655 using Electronic Balances.
	(1 to 10) μ l	0.02 μ L	
	(10 to 20) μ l	0.02 μ L	
	(20 to 100) μ l	0.07 μ L	
	(100 to 200) μ l	0.11 μ L	
	(200 to 500) μ l	0.3 μ L	
	(0.5 to 1) ml	0.4 μ L	
	(1 to 5) ml	6.9 μ L	
	(5 to 10) ml	8.4 μ L	
	(10 to 50) ml	13 μ L	
(50 to 100) ml	21 μ L		

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-2489.22.



R. Douglas Leonard Jr., VP, PILR SBU