



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:

Florida Pipette Calibration, LLC 21910 Deer Pointe Xing, Bradenton, FL 34202

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Mechanical Calibration (As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Initial Accreditation Date:

Issue Date:

Expiration Date:

August 24, 2020

January 29, 2025

May 31, 2027

Accreditation No.:

Certificate No.:

106038

L25-89

Tracy Szerszen President

Perry Johnson Laboratory Accreditation, Inc. (PJLA) 755 W. Big Beaver, Suite 1325 Troy, Michigan 48084 The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com





Certificate of Accreditation: Supplement

Florida Pipette Calibration, LLC

21910 Deer Pointe Xing, Bradenton, FL 34202 Contact Name: Debbie Martella Phone: 866-(357-4735)

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	LOCATION OF ACTIVITY
Mechanical	Pipettes Bottle Top Dispensers	0.5 μL to 2 μL	0.08 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	2 μL to 10 μL	0.08 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	10 μL to 20 μL	0.08 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	20 μL to 100 μL	0.13 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	100 μL to 200 μL	0.19 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	200 μL to 1 000 μL	1.1 μL	Mettler-Toledo Precision Balanc	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	1 000 μL to 5 000 μL	3.1 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	5 000 μL to 10 000 μL	4.7 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	10 000 μL to 25 000 μL	21 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O
Mechanical	Pipettes Bottle Top Dispensers	25 000 μL to 50 000 μL	43 μL	Mettler-Toledo Precision Balance	FPCCAL ISO 101 ISO 8655	F, O





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FIELD OF	MEASURED	RANGE	CALIBRATION	CALIBRATION	CALIBRATION	LOCATION OF
CALIBRATION	INSTRUMENT,	(AND SPECIFICATION	AND MEASUREMENT	EQUIPMENT AND	MEASUREMENT METHOD	ACTIVITY
	QUANTITY OR GAUGE	WHERE APPROPRIATE)	CAPABILITY EXPRESSED	REFERENCE	OR PROCEDURES USED	
			AS AN UNCERTAINTY (±)	STANDARDS USED		
Mechanical	Pipettes Bottle Top	50 000 μL to 60 000 μL	47 μL	Mettler-Toledo	FPCCAL	F, O
	Dispensers			Precision Balance	ISO 101	
			_		ISO 8655	
Mechanical	Hamilton Diluters	0.5 μL to 25 μL	0.07 μL	Mettler-Toledo	FPCCAL	F, O
				Precision Balance	ISO 101	
					ISO 8655	
Mechanical	Hamilton Diluters	25 μL to 250 μL	0.09 μL	Mettler-Toledo	FPCCAL	F, O
				Precision Balance	ISO 101	
					ISO 8655	
Mechanical	Hamilton Diluters	250 μL to 2 500 μL	0.17 μL	Mettler-Toledo	FPCCAL	F, O
				Precision Balance	ISO 101	
					ISO 8655	

- 1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor k (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the CMC for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.
- 2. The laboratories range of calibration capability for all disciplines for which they are accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.
- 3. Location of activity:

Location Code

Location

- F Conformity assessment activity is performed at the CABs fixed facility
- O Conformity assessment activity is performed onsite at the CABs customer location
- 4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratories fixed location.