

# ISO/IEC 17025 Pre-calibrated Axygen® Axypet® Pipettors

**AXYGEN**

A Corning Brand



## Axygen Axypet Pipettor Standard Testing

Each pipettor manufactured by Corning is individually calibrated and gravimetrically tested during the manufacturing process. The Quality Control Certificate with the gravimetric test results is supplied with a pipettor.

## ISO Quality Systems

Corning's manufacturing site located in Poland (Corning HTL SA) is certified according to ISO 9001 and ISO 14001 quality management standards. The Calibration Laboratory of Corning HTL SA has been certified according to ISO 17025. The Certificate confirms effectiveness of the quality management system, and also accuracy and reliability of tests within the laboratory for piston pipettor's calibration. The official accreditation number: AP169 issued by PCA (signatory EA MLA and ILAC MRA).

## ISO 17025 Accredited Calibration Certificate

The Corning HTL SA Accredited Calibration Laboratory is considered an independent metrological laboratory. It is allowed to issue Accredited Calibration Certificates for single-channel and multi-channel pipettors with the ILAC MRA logo which proves that the measurements are linked to the International System Units. The pipettor calibration is performed using the gravimetric method and complies with ISO 8655-6. It is offered in two options:

- ▶ Standard Procedure: 10 measurements at 3 volumes (nominal volume, 50% of nominal volume, 10% of nominal volume or minimal volume)
- ▶ Alternative Procedure: 4 measurements at 3 volumes (nominal volume, 50% of nominal volume, 10% of nominal volume or minimal volume)

## ILAC MRA

The International Laboratory Accreditation Cooperation (ILAC) is the international cooperation between the various laboratory accreditation bodies operated throughout the world. The ILAC arrangement guarantees that test results are mutually acceptable between different governmental and regulatory organizations on regional, national, and international levels. The ILAC MRA Mark is associated with the ILAC Mutual Recognition Arrangement (MRA) and it ensures that each laboratory is actually complying with the same minimum standards. Signatories to the ILAC MRA arrangement are, among others, BELAC (Belgium), CORFAC (France), SAS (Switzerland), UKAS (United Kingdom), A2LA, IAS, NVLAP (USA), and also IAJapan, JAB (Japan), CGCRE (Brazil).



AP 169



## 17025 Standard Measurements

CALIBRATION CERTIFICATE issued to ACCREDITED LABORATORY No. AP 100  
Date of issue: February 9, 2017 Certificate No. 0000000017 Page: 2/2

Calibration results are for the following:

The value of measurement	Measured value	Measurement	Uncertainty of measurement
10	10.00	0.01	0.05
100	100.00	0.05	0.50
1000	1000.00	0.50	5.00

Authorized by: Katarzyna Kozłowska

**HE** **PCIA** **ISO 15189** **ISO 9001** **ISO 13528**

Calibration laboratory accredited by  
Polish Committee for Accreditation, a reference to ISO 15189 and ISO 9001:2015  
that include recognition of calibration certificates.  
Accreditation No. 000

**CALIBRATION CERTIFICATE**

Date of issue: February 9, 2017 Certificate No. 0000000017 Page: 1/2

**OBJECT OF CALIBRATION**  
Single-channel pipette  
Manufacturer: Corning Inc.  
Model: AP-200  
Volume: 200 µL  
Point: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000, 5000, 10000 µL

**APPLICANT**  
Medical Center  
100 N. State St., Jackson, MS 39201

**CALIBRATION METHOD**  
As temperature: (18.0 ± 0.2) °C  
Relative humidity: (50.0 ± 0.5) %  
Atmospheric pressure: (1013.25 ± 0.1) hPa

**DATE OF CALIBRATION**  
February 9, 2017

**TRACEABILITY**  
This certificate is issued under the agreement 0000000017 in the field of calibration and provides traceability of measurement results to the International System of Units (SI).

**CALIBRATION RESULTS**  
The results have been presented on page 2 of this certificate including uncertainty of measurement.

**UNCERTAINTY OF MEASUREMENT**  
Uncertainty of measurement has been evaluated in compliance with EN ISO 17025:2011. The expanded uncertainty corresponds to a coverage probability of 95% and the coverage factor k = 2.

**Signature**  
Katarzyna Kozłowska  
Authorized

This certificate may be presented or copied as a whole document only.

Corning HTL SA Daniszewska 4, 03-230 Warsaw				
Calibration/ Measurement Subject	The Range of Measured Volumes	Measurement Uncertainty for CMC*	Activity Conducted	Measurement Method
Volume				
Piston pipettors	from 0.2 to 20 µL from 20 to 50 µL from 50 to 250 µL from 250 to 1,000 µL from 1,000 to 5,000 µL from 5,000 to 10,000 µL	0.050 µL 0.23 µL 0.33 µL 1.6 µL 8.3 µL 10.0 µL	S**	PN-EN ISO 8655-6:2003 IQL-03-QS

\*Calibration and Measurement Capability

\*\*Permanent location

## Ordering Information

### Axygen® Axypet® Single-channel, 8-channel, and 12-channel Pipettors with Accredited Calibration Certificate

Standard Procedure Cat. No.	Alternative Procedure Cat. No.	Volume Range (µL)	Channels	Qty/Cs
AP-2-STD	AP-2-ALT	0.1 - 2.0	1	1
AP-10-STD	AP-10-ALT	0.5 - 10	1	1
AP-20-STD	AP-20-ALT	2 - 20	1	1
AP-50-STD	AP-50-ALT	5 - 50	1	1
AP-100-STD	AP-100-ALT	10 - 100	1	1
AP-200-STD	AP-200-ALT	20 - 200	1	1
AP-250-STD	AP-250-ALT	50 - 250	1	1
AP-1000-STD	AP-1000-ALT	100 - 1,000	1	1
AP-5000-STD	AP-5000-ALT	1,000 - 5,000	1	1
AP-10ML-STD	AP-10ML-ALT	1,000 - 10,000	1	1
AP-8-10-STD	AP-8-10-ALT	0.5 - 10	8	1
AP-8-50-STD	AP-8-50-ALT	5 - 50	8	1
AP-8-200-STD	AP-8-200-ALT	20 - 200	8	1
AP-8-300-STD	AP-8-300-ALT	50 - 300	8	1
AP-12-10-STD	AP-12-10-ALT	0.5 - 10	12	1
AP-12-50-STD	AP-12-50-ALT	5 - 50	12	1
AP-12-200-STD	AP-12-200-ALT	20 - 200	12	1
AP-12-300-STD	AP-12-300-ALT	50 - 300	12	1

**Warranty/Disclaimer:** Unless otherwise specified, all products are for research use or general laboratory use only.\* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. \*For a listing of US medical devices, regulatory classifications or specific information on claims, visit [www.corning.com/resources](http://www.corning.com/resources).

**CORNING**

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