



Corning HTL SA
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Calibration laboratory accredited by
Polish Centre for Accreditation, a signatory to EA MLA and ILAC MRA
that include recognition of calibration certificates.
Accreditation No AP 169



AP 169



CALIBRATION CERTIFICATE

Date of issue: February 28, 2022

Certificate No: SW/0140/2022

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OBJECT OF CALIBRATION	Single-channel piston pipette Manufacturer: Corning HTL SA Serial number: 556660614 Volume: (100 - 1000) μ l Pipette tips: AXYGEN
APPLICANT	Corning HTL SA 4 Daniszewska Str., 03-230 Warsaw, Poland
PLACE OF CALIBRATION	Corning HTL SA 4 Daniszewska Str., 03-230 Warsaw, Poland
CALIBRATION METHOD	Control and Calibration Instruction IQL-03-QS p. 7.2, rev. 6 of December 30, 2021
ENVIRONMENTAL CONDITIONS	Air temperature: (24.1 \div 24.6) $^{\circ}$ C Relative humidity: (49.3 \div 52.4) % Atmospheric pressure: (1018.3 \div 1019.7) hPa
DATE OF CALIBRATION	February 26, 2022
TRACEABILITY	This certificate is issued under the agreement EA MLA 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. The measurement results only apply to the calibrated instrument.
UNCERTAINTY OF MEASUREMENT	Uncertainty of measurement has been evaluated in compliance with EA-4/02 M:2013. The expanded uncertainty assigned corresponds to a coverage probability of 95% and the coverage factor $k = 2$.



Kierownik Techniczny Laboratorium


Krzysztof Kostro-Olechowski

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

**CALIBRATION
RESULTS**

Calibration results are the following:

The value of reference volume V_0 μl	Measured volume V μl	Measurement error ΔV μl	Uncertainty of measurement U μl
100	100.07	0.07	0.33
500	497.32	-2.68	1.60
1000	996.82	-3.18	1.60

**ADDITIONAL
INFORMATION**

The measured volume value is based on the reference temperature = 20°C.

Authorized by: Katarzyna Kupiec

Katarzyna Kupiec