



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

CERTIFICATE OF ACCREDITATION

No. 412/2018

BioTech a.s.
with registered office Tymiánová 619/14, Kolovraty, 103 00 Praha 10, Company Registration
No. 25664018

to the Calibration Laboratory No. 2382
BioTech Calibration Laboratory

Scope of accreditation:

Calibration of piston pipettes by gravimetric method and calibration of spectrometric quantities (UV-VIS) to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2005

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 276/2017 of 15. 5. 2017, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: 15. 5. 2022

Prague: 10. 8. 2018



Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

The Appendix is an integral part of
Certificate of Accreditation No.: 412/2018 of 10/08/2018

Accredited entity according to EN ISO/IEC 17025:2005

BioTech a.s.
BioTech Calibration Laboratory
Služeb 3056/4, 108 00 Praha 10

Field of measured quantity: **Volume**

Calibration: Nominal temperature for calibration: $(20 \pm 3) ^\circ\text{C}$

Ordinal number	Measured quantity	Measured quantity range	Calibration and Measurement Capability ^{1), 2)}	Calibration procedure identification
1.	Volume by gravimetric method	(1 - 100) μl (100 - 1000) μl (1000 - 5000) μl	0.03 μl 0.08 μl 0.22 μl	SOP-6-Kal01

¹⁾ Expressed like uncertainty in accordance with requirements of the document EA 4/02 at $k = 2$.

²⁾ The Calibration and Measurement Capability is listed without accounting for the effect of the calibrated meter.

Measured instruments or devices:

(In accordance with the above list of measured quantities and the ranges of measurement the following types of instruments or devices can be measured).

Ordinal number	Measured instrument/device type
1.	Piston pipettes



Accredited entity according to EN ISO/IEC 17025:2005

BioTech a.s.
BioTech Calibration Laboratory
Služeb 3056/4, 108 00 Praha 10

Field of measured quantity: Spectrophotometry

Calibration: Nominal temperature for calibration: $(20 \pm 10) ^\circ\text{C}$

Ordinal number ¹⁾	Measured quantity	Measured quantity range	Calibration and Measurement Capability [\pm] ²⁾	Calibration procedure identification
1.*	Absorbance in VIS range ^{a)} (440-635) nm UV/VIS ^{b)} (405-750) nm	0 - 3	0.003	SOP-6-Kal03

¹⁾ Asterisk at the ordinal number identifies the calibrations which the Laboratory is qualified to carry out outside the permanent laboratory premises.

²⁾ Expressed like uncertainty in accordance with requirements of the document EA 4/02 at $k = 2$

Measured instruments or devices:

(In accordance with the above list of measured quantities and the ranges of measurement the following types of instruments or devices can be measured)

Ordinal number	Measured instrument/device type
1.	Spectrophotometers and colorimeters in visible range ^{a)} , absorbance and plate readers ^{b)}

Explanatory notes:

SOP-6-Kal0x internal calibration procedure

UV/VIS ultraviolet and visible range of spectrum

VIS visible range of spectrum

