



## LabStand Przedsiębiorstwo Produkcyjno-Usługowe

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AP 021

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 021



# CALIBRATION CERTIFICATE

Date of issue: 15<sup>th</sup> March 2021

Certificate No: T/2155603.1/21

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<b>OBJECT OF CALIBRATION</b>	Electronic thermometer: type: EFENTO numer fabryczny: 282C024036E7 user marking: lack manufacturer: Efento Sp. J.  and sensor, an integral part of the gauge	resolution: 0,1 °C
<b>APPLICANT</b>	Efento Sp. J. ul. Krupnicza 14/5 31-123 Kraków	
<b>CALIBRATION METHOD</b>	Calibration procedure: calibrating glass thermometer, electric thermometer (in it electronic, with registration of the temperature) symbol 05/100, edition 10, 01 <sup>th</sup> June 2018.	
<b>ENVIRONMENTAL CONDITIONS</b>	Enviromental temperature: (20,4 ÷ 21,9) °C, air relative humidity: (33,8 ÷ 37,3) %.	
<b>DATE OF CALIBRATION</b>	15 <sup>th</sup> March 2021	
<b>TRACEABILITY</b>	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).	
<b>CALIBRATION RESULTS</b>	The calibration results apply only to the calibrated object and have been presented on page 2 of this certificate including uncertainty of measurement.	
<b>UNCERTAINTY OF MEASUREMENT</b>	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 $k = 2$	



Deputy Head of laboratory

A. Keşy  
Arleta Keşy

**CALIBRATION RESULTS**

Calibration results are the following:

Reference temperature value	Indication of the calibrated thermometer	Measurement error $\Delta t = t_{ts} - t_{tk}$	Measurement uncertainty
$t_{tk}$ °C	$t_{ts}$ °C	$\Delta t$ °C	$U$ °C
5,0	4,9	-0,1	0,2
Temperature values given in the certificate refer to the International Temperature Scale of 1990 (ITS – 90)			