

ACCREDITATION CERTIFICATE

No. LA.02.032

Lithuanian National Accreditation Bureau hereby certifies that

complies with the requirements of

JSC „MILGEDA“ laboratory

LST EN ISO/IEC 17025:2018

legal entity: UAB „MILGEDA“
legal entity code: 123179385

and is competent to perform:

calibration of measuring equipment

The scope of accreditation below is an integral part of this certificate. Locations of the conformity assessment body are specified in the scope of accreditation

Initial accreditation date: **2011-01-31**

Certificate issued / valid since: **2025-11-20**
Version of: **2025-10-21**
Expiry date: **2030-11-19**

Deputy Director, acting as Director


TADAS JUODELIS

The certificate may be changed, its validity suspended or withdrawn by the decision of the National Accreditation Bureau. Information on the actual data of accreditation certificates may be verified at nab.lrv.lt



SCOPE OF ACREDITATION

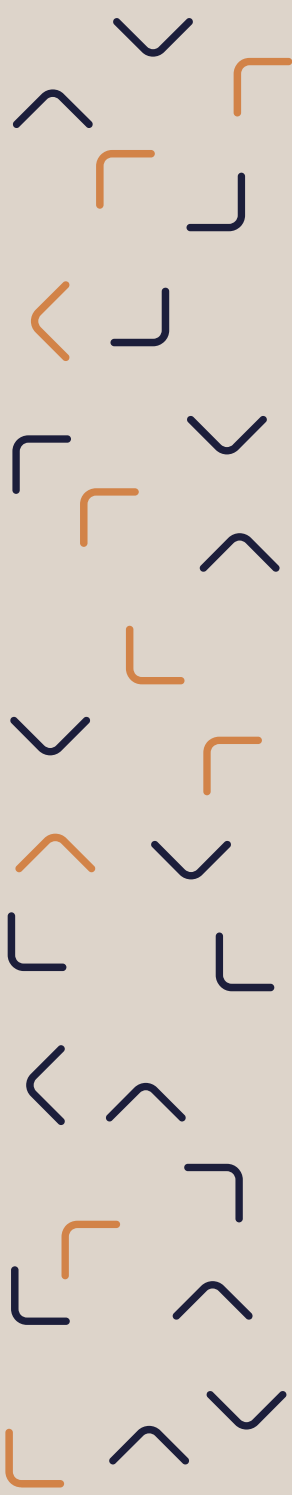
UAB „MILGEDA“ laboratory, accredited in accordance with **LST EN ISO/IEC 17025:2018**

Location of the conformity assessment body:

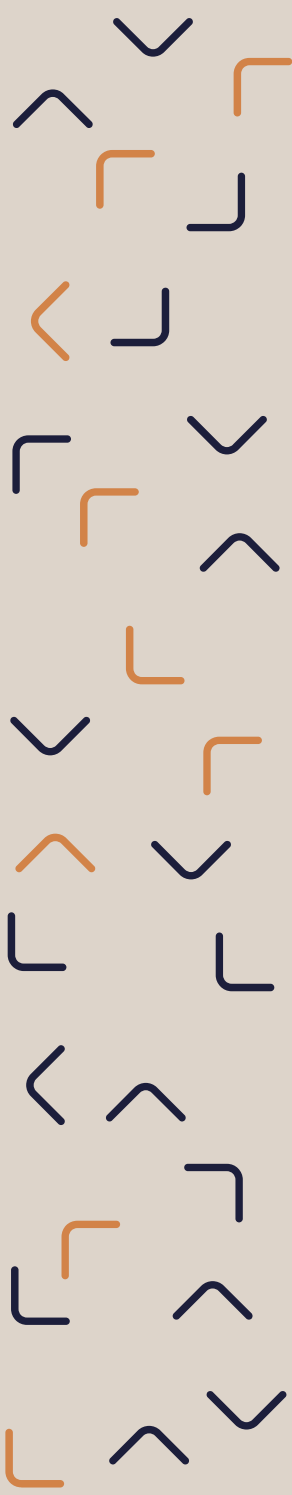
Krokuvos str. 15-1, LT-09314 Vilnius, Lithuania

Calibration and measurement capability (CMC) expressed as:

Measurand	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty
Mass	KMS1 2025 by EURAMET Calibration Guide No.18, Ver 4.0	Non-automatic weighing instruments (scales)	Weights of class E2, 1 mg ... 8,8 kg	(0,0032+8,07·10 ⁻⁷ ·R) mg R- scale reading
			Weights of class F1, 1 g ... 42 kg	(0,0488+4,61·10 ⁻⁶ ·R) mg R- scale reading
			Weights of class F2, 1 mg ... 380 kg	(0,0306+8,76·10 ⁻⁶ ·R) mg R- scale reading
			Weights of class M1, (20 ...3000) kg	(494,8+8,56·10 ⁻⁵ ·R) mg R- scale reading
	KMS2 2022 by OIML R111-1:2004	Weights F1	(1...10) mg	0,003 mg
			20 mg	0,004 mg
			50 mg	0,005 mg
			100 mg	0,006 mg
			200 mg	0,007 mg
			500 mg	0,009 mg
			1 g	0,02 mg
			2 g	0,02 mg



Calibration and measurement capability (CMC) expressed as:				
Measurand	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty
Mass	KMS2 2022 by OIML R111-1:2004	Weights F2, weights	5 g	0,02 mg
			10 g	0,03 mg
			20 g	0,03 mg
			50 g	0,04 mg
			100 g	0,06 mg
			200 g	0,11 mg
			500 g	0,27 mg
			1 kg	0,6 mg
			2 kg	1,5 mg
			5 kg	2,7 mg
			10 kg	6 mg
			(1...5) mg	0,007 mg
			10 mg	0,009 mg
			20 mg	0,02 mg
			50 mg	0,02 mg
			100 mg	0,02 mg
			200 mg	0,03 mg
			500 mg	0,03 mg
			1 g	0,04 mg
			2 g	0,05 mg
			5 g	0,06 mg
			10 g	0,07 mg
			20 g	0,09 mg
			50 g	0,11 mg
			100 g	0,2 mg



Calibration and measurement capability (CMC) expressed as:				
Measurand	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty
Mass	KMS2 2022 by OIML R111-1:2004	Weights M1, M2, M2, weights	200 g	0,4 mg
			500 g	0,9 mg
			1 kg	1,7 mg
			2 kg	5 mg
			5 kg	11 mg
			10 kg	17 mg
			20 kg	32 mg
			(1...5) mg	0,03mg
			10 mg	0,03 mg
			20 mg	0,04 mg
			50 mg	0,05 mg
			100 mg	0,06 mg
			200 mg	0,07 mg
			500 mg	0,09 mg
			1 g	0,11 mg
			2 g	0,14 mg
			5 g	0,17 mg
			10 g	0,21 mg
			20 g	0,28 mg
			50 g	0,32 mg
			100 g	0,6 mg
			200 g	1,1 mg
			500 g	2,6 mg
			1 kg	6 mg
			2 kg	11 mg

Calibration and measurement capability (CMC) expressed as:				
Measurand	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty
Torque	LST EN ISO 6789-1:2017 LST EN ISO 6789-2:2017 except for annex C KMJ1 2022	Hand torque tools	5 kg	26 mg
			10 kg	51 mg
			20 kg	101 mg
			(0,2...1) Nm	For indicating torque tools $\sqrt{1 + \frac{d^2}{x_F^2}} * 266,667 \%$
				For setting torque tools $\sqrt{1 + \frac{d^2}{x_F^2}} * 833,33 \%$ d- the value of the torque tools division; Xr – torque value
			(1...1000) Nm	For indicating torque tools $\sqrt{0,25 + \frac{d^2}{x_F^2}} * 266,667 \%$ For setting torque tools $\sqrt{0,25 + \frac{d^2}{x_F^2}} * 833,33 \%$ d- the value of the torque tools division; Xr – torque value
Temperature	KMT1 2020	Digital thermometers	-30 °C	0,038 °C
			0 °C	0,035 °C
			+ 145 °C	0,039 °C
			(+146 ... 400) °C	(0,0548+0,0000317·t) °C
	KMT2 2020 by EUROMET Calibration Guide No.20 Ver 5.0	Refrigeration and temperature humidity test chamber, ovens, sterilizers and heating ovens	(-30 ... 300) °C	0,27 °C
Humidity and temperature	KMD1 2023 EURAMET cg-20 v.5.0 (09/2017) KMT2 2020 calibration in a climatic chamber	Air temperature and relative humidity meters	(10...95)% RH (-50...+90)°C	
			10% RH	0,97 % RH
			35% RH	1,01 % RH
			50% RH	1,10 % RH

Calibration and measurement capability (CMC) expressed as:				
Measurand	Reference number of calibration method or procedure	Type of instrument to be calibrated	Measurement range and additional parameters (where applicable)	Measurement uncertainty
Humidity	KMD1 2023 EURAMET cg-20 v.5.0 (09/2017) KMT2 2020 calibration with foundation material (salts solution)	Air relative humidity meters	80% RH	1,16 % RH
			95% RH	1,22 % RH
			(-50...+10)°C	0,19 °C
			(+10...+55)°C	0,061 °C
			(+55...+90)°C	0,19 °C
			10% RH	0,31 % RH
			35% RH	0,42 % RH
			50% RH	0,60 % RH
			80% RH	0,70 % RH
			95% RH	0,80 % RH

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.

The accreditation certificate is signed with a qualified electronic signature as an attachment to the order of the Director of the National Accreditation Bureau, by which it was approved