

Mass and Related Quantities, Latvia, LATMB (Latvian Metrology Bureau)

Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable		Expanded Uncertainty					Comments
Class	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	
Mass	Mass standards	Comparison in air	1	100	mg			1 to 1.4	µg	2	95%	no	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 11 October 2005
Mass	Mass standards	Comparison in air	0.1	1	g			1.4 to 5	µg	2	95%	no	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 11 October 2005
Mass	Mass standards	Comparison in air	1	10	g			5 to 7	µg	2	95%	no	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 11 October 2005
Mass	Mass standards	Comparison in air	10	100	g			7 to 26	µg	2	95%	no	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 11 October 2005
Mass	Mass standards	Comparison in air	0.1	1	kg			0.026 to 0.22	mg	2	95%	no	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 11 October 2005
Mass	Mass standards	Comparison in air	1	10	kg			0.22 to 3.4	mg	2	95%	no	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 11 October 2005

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Mass	Mass standards	Comparison in air	10	20	kg			3.4 to 20	mg	2	95%	no	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 11 October 2005