



Mass, Estonia, AS METROSERT (Central Office of Metrology)

Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable		Expanded Uncertainty					Comments	NMI Internal Service Identifier
Class	Instrument or Artifact: Measurand	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	Temperature	18 °C to 23 °C	2 to 4	µg	2	95%	No	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 24 October 2017	210284
						Relative humidity	40 % to 60 %							
Mass	Mass standards	Comparison in air	100	500	mg	Temperature	18 °C to 23 °C	4 to 6	µg	2	95%	No	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 24 October 2017	210284
						Relative humidity	40 % to 60 %							
Mass	Mass standards	Comparison in air	1	10	g	Temperature	18 °C to 23 °C	3 to 6	µg	2	95%	No	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 24 October 2017	210284
						Relative humidity	40 % to 60 %							
Mass	Mass standards	Comparison in air	10	100	g	Temperature	18 °C to 23 °C	6 to 15	µg	2	95%	No	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 24 October 2017	210284
						Relative humidity	40 % to 60 %							
Mass	Mass standards	Comparison in air	0.1	1	kg	Temperature	18 °C to 23 °C	15 to 100	µg	2	95%	No	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 24 October 2017	210284
						Relative humidity	40 % to 60 %							



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Mass	Mass standards	Comparison in air	1	5	kg	Temperature	18 °C to 23 °C	0.1 to 1.5	mg	2	95%	No	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 24 October 2017	210340
						Relative humidity	40 % to 60 %							
Mass	Mass standards	Comparison in air	5	10	kg	Temperature	18 °C to 23 °C	1.5 to 2.0	mg	2	95%	No	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 24 October 2017	210340
						Relative humidity	40 % to 60 %							
Mass	Mass standards	Comparison in air	10	50	kg	Temperature	18 °C to 23 °C	2.0 to 15	mg	2	95%	No	Uncertainty scales with measurand level. The volume of the mass standards is known. Approved on 24 October 2017	210340
						Relative humidity	40 % to 60 %							