

Mass and related quantities

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Ukraine, NSC IM (National Scientific Centre "Institute of Metrology")

No	NDETU / DETU	Number of CMCs	KCDB CMC ID	Quantity	Instrument or Artifact	Method of Measurement	Parameters	Measurand	Uncertainty	Comments	Approval date	NMI Service Identifier
1		5	EURAMET-M-UA-00000ORJ-1	Mass	Mass standard	Direct comparison in air		[0.1 , 1.0] kg	[31.0 , 57.0] μg (Absolute)	Uncertainty scales with measurand level. The volume of the mass standards is known following the CCM decision on the implementation of the redefinition of the kg.	2021-02-28	
2			EURAMET-M-UA-00000ORK-1	Mass	Mass standard	Subdivision method		[1.0 , 100.0] mg	[2.0 , 4.0] μg (Absolute)	Uncertainty scales with measurand level. The volume of the mass standards is known	2014-09-10	
3			EURAMET-M-UA-00000ORL-1	Mass	Mass standard	Subdivision method		[0.1 , 1.0] g	[4.0 , 4.2] μg (Absolute)	Uncertainty scales with measurand level. The volume of the mass standards is known	2014-09-10	
4			EURAMET-M-UA-00000ORM-1	Mass	Mass standard	Direct comparison in air		[1.0 , 10.0] g	[4.2 , 6.5] μg (Absolute)	Uncertainty scales with measurand level. The volume of the mass standards is known	2014-09-10	
5			EURAMET-M-UA-00000ORN-1	Mass	Mass standard	Direct comparison in air		[10.0 , 100.0] g	[6.5 , 31.0] μg (Absolute)	Uncertainty scales with measurand level. The volume of the mass standards is known	2014-09-10	
6		1	EURAMET-M-UA-00000ORC-1	Gravity (free fall) acceleration	On (stable) site	Absolute measurement	Ambient temperature: 14 °C to 34 °C	[9.77 , 9.85] m/s^2	2.08E-7 m/s^2 (Absolute)		2017-06-21	NSCIM-M-8.1.1/7