



Instituto Nacional de Metrología
de Colombia



INM - Instituto Nacional de Metrología
Mass

Calibration and Measurement Capability (CMC) - Mass Laboratory INM outside scope of accreditation

Calibration or Measurement Service			Measurand Level or Range			Expanded Uncertainty				Reference Standard used in calibration	
Quantity/ Class	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Value	Units	Coverage Factor	Level of Confidence	Standard	Source of traceability
Mass	Mass standard	Direct comparison	1	1	mg	0.0010	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	2	2	mg	0.0010	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	5	5	mg	0.0010	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	10	10	mg	0.0010	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	20	20	mg	0.0010	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	50	50	mg	0.0012	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	100	100	mg	0.0016	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	200	200	mg	0.0020	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	500	500	mg	0.0025	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	1	1	g	0.003	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	2	2	g	0.004	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	5	5	g	0.005	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	10	10	g	0.006	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	20	20	g	0.008	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	50	50	g	0.010	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	100	100	g	0.016	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	200	200	g	0.030	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	500	500	g	0.080	mg	2	95%	Better than E1	PTB
Mass	Mass standard	Direct comparison	1	1	kg	0.16	mg	2	95%	Better than E1	PTB

Fecha de actualización 2017-05-15