

Date

Reference

2023-07-05

2022/873

Scope of accreditation

Calibration according to SS-EN ISO/IEC 17025:2018

RISE Research Institutes of Sweden AB

Umeå

Accreditation number

1002

Kontroll och kalibrering

A002626-026

Mass related quantities

<i>Technology area</i>	<i>Method</i>	<i>Material</i>	<i>Measure</i>	<i>Best measuring ability (CMC) +/-</i>	<i>Technique</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>
Mass	Inhouse method; KVj 6	Weight	1 g	0,3 mg	M1	Yes	2	Yes
		Weight	1 kg	16 mg	M1	Yes	2	Yes
		Weight	1 mg	0,06 mg	M1	Yes	2	Yes
		Weight	10 g	0,6 mg	M1	Yes	2	Yes
		Weight	10 kg	160 mg	M1	Yes	2	Yes
		Weight	10 mg	0,08 mg	M1	Yes	2	Yes
		Weight	100 g	1,6 mg	M1	Yes	2	Yes
		Weight	100 mg	0,16 mg	M1	Yes	2	Yes
		Weight	2 g	0,4 mg	M1	Yes	2	Yes
		Weight	2 kg	30 mg	M1	Yes	2	Yes
		Weight	2 mg	0,06 mg	M1	Yes	2	Yes
		Weight	20 g	0,8 mg	M1	Yes	2	Yes
		Weight	20 kg	300 mg	M1	Yes	2	Yes
		Weight	20 mg	0,10 mg	M1	Yes	2	Yes
		Weight	200 g	3,0 mg	M1	Yes	2	Yes
		Weight	200 mg	0,20 mg	M1	Yes	2	Yes
		Weight	5 g	0,5 mg	M1	Yes	2	Yes
		Weight	5 kg	80 mg	M1	Yes	2	Yes

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Mass	Inhouse method; KVj 6	Weight	5 mg	0,06 mg	M1	Yes	2	Yes
		Weight	50 g	1,0 mg	M1	Yes	2	Yes
		Weight	50 kg	800 mg	M1	Yes	2	Yes
		Weight	50 mg	0,12 mg	M1	Yes	2	Yes
		Weight	500 g	8,0 mg	M1	Yes	2	Yes
		Weight	500 mg	0,25 mg	M1	Yes	2	Yes
	Inhouse method; KVj 7	Weight	1 g	0,10 mg	M1	Yes	2	No
		Weight	1 kg	5,0 mg	M1	Yes	2	No
		Weight	1 mg	0,02 mg	M1	Yes	2	No
		Weight	10 g	0,20 mg	M1	Yes	2	No
		Weight	10 kg	50 mg	M1	Yes	2	No
		Weight	10 mg	0,03 mg	M1	Yes	2	No
		Weight	100 g	0,5 mg	M1	Yes	2	No
		Weight	100 mg	0,05 mg	M1	Yes	2	No
		Weight	2 g	0,12 mg	M1	Yes	2	No
		Weight	2 kg	10 mg	M1	Yes	2	No
		Weight	2 mg	0,02 mg	M1	Yes	2	No
		Weight	20 g	0,25 mg	M1	Yes	2	No
		Weight	20 kg	100 mg	M1	Yes	2	No
		Weight	20 mg	0,03 mg	M1	Yes	2	No
Weight	200 g	1,0 mg	M1	Yes	2	No		
Weight	200 mg	0,06 mg	M1	Yes	2	No		

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Mass	Inhouse method; KVj 7	Weight	5 g	0,16 mg	M1	Yes	2	No
		Weight	5 kg	25 mg	M1	Yes	2	No
		Weight	5 mg	0,02 mg	M1	Yes	2	No
		Weight	50 g	0,3 mg	M1	Yes	2	No
		Weight	50 kg	250 mg	M1	Yes	2	No
		Weight	50 mg	0,04 mg	M1	Yes	2	No
		Weight	500 g	2,5 mg	M1	Yes	2	No
		Weight	500 mg	0,08 mg	M1	Yes	2	No

Calibration and measurement capability, CMC, is the smallest uncertainty the calibration laboratory can provide, expressed as the expanded uncertainty having a coverage probability of approximately 95%.

The scope of accreditation is flexible as specified in this decision. The accredited body must always retain a current list of the scope for which it is accredited.

Type of flexible scope

1: - Introduce new version of standard method and make editorial changes to non-standard method

2: - Introduce new version of standard method and make editorial changes to non-standard method - Introduce new version and modifications of non-standard method. The procedure must be equivalent