TESTCERTIFICATE

S-A-LE 257

DORSHORST 2
7217PH HARFSEN
NETHERLANDS

INSTRUMENT:	WEIGHING INSTRUMENT
ID NR.:	257
MODEL:	METTLER PM 2000
CAL. DATE:	31 MARCH 2017

WEIGHING INSTRUMENT

NR. 257: METTLER PM 2000

SPECIFICATIONS

Range:	0 – 2000g
Readability/Accuracy:	0,01g
Voltage:	230 V
Measuring temperature:	20°C +/- 5°C
Calibration weight:	Mettler Toledo 200g E2 Mettler Toledo 20g E2

The acceptance criterion of the deviation for repeatability and accuracy is 0,1% of the used weight. This criterion is based on an estimated acceptable contribution to the total measurement error of an analysis.

MEASUREMENTS

Measurement	Series 1 (g)	Series 2 (g)	Series 3 (g)	Series 4 (g)
1	199,98	199,98	20,00	20,00
2	199,98	199,98	20,00	20,00
3	199,98	199,98	20,00	20,00
4	199,98	199,98	20,00	20,00
5	199,99	199,98	20,00	20,00
Average	199,98	199,98	20,00	20,00
Standard deviation	0,0045	0	0	0
Repeatability (%)	<0,01	0	0	0
Accuracy (%) [1]	<0,01	<0,01	0	0

[1] Expressed as deviation of the true weight

Series 1 and 2 are conducted with a weight of 2000mg. In series 1 the weight was solely placed on the weighing platform. In series 2 a metal object with a mass of 670,9g was placed on the platform and the tare option was used. Then the weighing of the 2000mg weight was conducted.
Series 3 and 4 are conducted with a weight of 500g. In series 4 the tare option was used after placing the mass of 670,9g. Then the weighing of the 500g weight was conducted.

CONCLUSION

The instrument meets the acceptance criterion.

AUTHORISATION: 31-3-2017

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