

Calibration certificate:  
S-A-LE 478

# TEST CERTIFICATE

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S-A-LE 478



DORSHORST 2  
7217PH HARFSEN  
NETHERLANDS

INSTRUMENT:	WEIGHING INSTRUMENT
ID NR.:	478
MODEL:	PRECISA 600C
CAL. DATE:	28 AUGUST 2018

# WEIGHING INSTRUMENT

NR. 478:   PRECISA 600C

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## SPECIFICATIONS

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Range:	max 600 g
Readability/Accuracy:	max 600g – 0.01
Voltage:	220 V
Measuring temperature:	20°C +/- 5°C
Calibration weight:	Mettler Toledo 2g E2 Mettler Toledo 200g 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.

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## MEASUREMENTS

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Measurement	Series 1 (g)	Series 2 (g)	Series 3 (g)
1	2,00	2,00	200,02
2	2,00	2,00	200,02
3	2,00	2,00	200,03
4	2,00	2,00	200,03
5	2,00	2,00	200,03
Average	2,00	2,00	200,03
Standard deviation	0,00	0,00	0,00
Repeatability (%)	0,00	0,00	0,00
Accuracy (%) <sup>(1)</sup>	0,00	0,00	0,03
Criterion Rep.	OK	OK	OK
Criterion Acc	OK	OK	OK

<sup>(1)</sup> Expressed as deviation of the true weight

Series 1 and 2 are conducted with a calibration weight of 2000 mg. In series 1 the weight was solely placed on the weighing platform. In series 2 a petri-dish with a mass of 13,1g was placed on the platform and the tare option was used. Afterwards the calibration weighing of the 2000 mg reference weight was conducted. Series 3 is conducted with a weight of 200g.

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## CONCLUSION

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The instrument meets the acceptance criterion.

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**AUTHORISATION: 28-08-2018**

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H. Kerkdijk,  
Director S-A-LE  
Date: 28-08-2018