

# TESTCERTIFICATE

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S-A-LE 1001



DORSHORST 2  
7217PH HARFSEN  
NETHERLANDS

INSTRUMENT:	WEIGHING INSTRUMENT
ID NR.:	1001
MODEL:	METLER AE200
SERIENUMBER:	M80891
CAL. DATE:	15 APRIL 2019

# WEIGHING INSTRUMENT

NR. 1001: METTLER AE200

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## SPECIFICATIONS

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Range: 0 – 205g  
Readability/Accuracy: 0.0001g  
Measuring temperature: 20°C +/- 5°C  
Calibration weight: Mettler Toledo 2g-E2 611-8141  
Mettler Toledo 100g

The acceptance criteria for repeatability and accuracy are set at 0,1% of the used weight. These criteria are based the estimated acceptable contribution to the total measurement error.

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## MEASUREMENTS

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Meting	Series 1	Series 2
1	1,9987	100,0072
2	1,9986	100,0074
3	1,9986	100,0074
4	1,9988	100,0075
5	2,0001	100,0075
Average	1,9990	100,0074
Standard deviation (g)	0,0006	0,0001
Repeatability (RSD%)	0,0321	0,0001
Accuracy (Dev.%)	-0,052	0,007
Accuracy (g)	-0,00104	0,0074
Criteria (g):	0,002	0,1
Rating repeatability:	OK	OK
Rating accuracy:	OK	OK

Series 1 is conducted with a reference weight of 2 grams, the weight was placed in the middle of the weighing platform. Series 2 is conducted with a reference weight of 100 grams, the weight was placed in the middle of the weighing platform.

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## CONCLUSION

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The instrument meets the acceptance criteria.

Calibration certificate:  
S-A-LE 1001

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**AUTHORISATION: 15-04-2019**

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H. Kerkdijk,  
Director S-A-LE  
Date: 15-4-2019