

TEST CERTIFICATE

S-A-LE 1005



DORSHORST 2
7217PH HARFSEN
NETHERLANDS

INSTRUMENT:	WEIGHING INSTRUMENT
ID NR.:	1005
MODEL:	METLER AX105 DELTA RANGE
CAL. DATE:	15 APRIL 2019

WEIGHING INSTRUMENT

NR. 1005: METTLER AX105 DELTA RANGE

SPECIFICATIONS

Range: 0 – 110g
Readability/Accuracy: 0.00001g
Measuring temperature: 20°C +/- 5°C
Calibration weight: Mettler Toledo 2g-E2 611-8141
Mettler Toledo 20g

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.

MEASUREMENTS

Meting	Series 1	Series 2
1	2,00014	20,00037
2	2,00001	20,00030
3	2,00011	20,00020
4	2,00008	20,00022
5	2,00005	20,00025
Average	2,0008	20,00027
Standard deviation (g)	0,0001	0,0001
Repeatability (RSD%)	0,0025	0,0003
Accuracy (Dev.%)	0,0040	0,0010
Accuracy (g)	0,0001	0,0003
Criteria (g):	0,0020	0,0200
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 20 grams, the weight was placed in the middle of the weighing platform.

CONCLUSION

The instrument meets the acceptance criteria.

Calibration certificate:
S-A-LE 1005

AUTHORISATION: 15-04-2019

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

H. Kerkdijk,
Director S-A-LE
Date: 15-04-2019