# TESTCERTIFICATE

S-A-LE 251

DORSHORST 2
7217PH HARFSEN
NETHERLANDS

| | |
|---|---|
| INSTRUMENT: | WEIGHING INSTRUMENT |
| ID NR.: | 251 |
| MODEL: | METTLER PE 3600 |
| CAL. DATE: | 31 MARCH 2017 |

# WEIGHING INSTRUMENT

NR. 251: METTLER PE 3600

## SPECIFICATIONS

| | |
|---|---|
| Range: | 5 – 600/3600g |
| Readability/Accuracy: | 0,01g/0,1g |
| Voltage: | 230 V |
| Measuring temperature: | 20°C +/- 5°C |
| Calibration weight: | 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.

## MEASUREMENTS

| Measurement | Series 1 (g) | Series 2 (g) |
|---|---|---|
| **1** | 199,99 | 200,00 |
| **2** | 199,99 | 200,00 |
| **3** | 199,98 | 200,00 |
| **4** | 199,99 | 200,00 |
| **5** | 199,99 | 200,00 |
| **Average** | 199,99 | 200,00 |
| **Standard deviation** | 0,0045 | 0 |
| **Repeatability (%)** | 0,01 | 0 |
| **Accuracy (%)** [1] | 0,01 | 0 |

[1] Expressed as deviation of the true weight

Series 1 and 2 are conducted with a weight of 200g. In series 1 the weight was solely placed on the weighing platform. In series 2 a small metal object with a mass of 670,9g was placed on the platform and the tare option was used. Then the weighing of the 200g weight was conducted.

## CONCLUSION

The instrument meets the acceptance criterion.

**AUTHORISATION: 31-3-2017**

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Date: 31-3-2017