

CALIBRATION CERTIFICATE INFORMATION

Instituto Nacional De Metrologia - Colombia

Avenida Carrera 50 No. 26 - 55 Interior 2

Certificate number: 4637

Object to calibrate: Non Automatic Weighing Instrument (NAWI)

Identification: Balanza Mettler Toledo XPE 205
Serial: B743848411 / AF-07090
Calibration date: 2020-07-16
Calibration place: Bogotá - Colombia. Avenida Carrera 50 No. 26 - 55 Interior 2

Responsible person: Ingeniero Jhon Alexander Barreto Gutiérrez
 Físico Jorge Daniel Garcia Benavides

Environmental conditions

Ambient temperature: 19.85 °C
Barometric pressure: 751.75 hPa
Relative humidity: 46.05 %

Balance readability: Non Automatic Weighing Instrument (NAWI)

Repeatability test results

Table 1: Repeatability test data. Units: [g]

| | Load No. 1 / g | Load No. 2 / g | Load No. 3 / g |
|--------|----------------|----------------|----------------|
| Ind.1 | 0.00999 | 99.99997 | 199.99995 |
| Ind.2 | 0.00999 | 100.00001 | 200.00000 |
| Ind.3 | 0.00999 | 99.99998 | 199.99998 |
| Ind.4 | 0.01000 | 99.99998 | 199.99999 |
| Ind.5 | 0.01001 | 99.99997 | 199.99996 |
| Ind.6 | 0.01000 | 99.99998 | 199.99996 |
| Ind.7 | 0.01001 | 99.99997 | 199.99996 |
| Ind.8 | 0.01001 | 99.99996 | 199.99997 |
| Ind.9 | 0.01000 | 99.99999 | 199.99995 |
| Ind.10 | 0.01001 | 99.99996 | 199.99996 |

Table 2: Repeatability test results. Units: [g]

| Load / g | Standard deviation / g |
|----------|------------------------|
| 0.01 | 8.76e-06 |
| 100.00 | 1.49e-05 |
| 200.00 | 1.69e-05 |

directory:

```
print(getwd())
```

```
## [1] "/home/cris/Dropbox/2_masscor_shinyapp/www/Uploaded masscor NAWI DCC/INSTITUTO NACIONAL DE METROLOGIA DE COLOMBIA"
```

```
print(params$logoBoolean)
```

```
## [1] TRUE
```

```
class(NAWIDCC)
```

```
## [1] "calibCert"
```