

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

**Pro Metrology s.r.o.**  
 CAB number 2406, PROCALIBRATION - Calibration Laboratory  
 Rostoklaty 30, 287 71 Rostoklaty

**CMC for the field of measured quantity: Volume**

| Ord. number <sup>1</sup> | Calibrated quantity / Subject of calibration | Nominal range |      |            |      | Parameter(s) of the measurand | Lowest expanded measurement uncertainty specified <sup>2, 4</sup> | Calibration principle | Calibration procedure identification <sup>3</sup>  | Work-place |
|--------------------------|--|---------------|------|------------|------|-------------------------------|---|-----------------------|--|------------|
|                          |  | min           | unit | max        | unit |                               |   |                       |  |            |
| 1                        | Piston volume meters                         | 0.1 µl        | to   | 10,000 µl  |      | Distilled water               | 0.12 %+ 0.03 µl<br>0.08 %   | Gravimetric method    | PROC_30_000 Volume GM (ČSN EN ISO 8655-6; EURAMET Calibration Guide No. 19, Version 3.0 (09/2018)) |            |
|                          |  | 10,000 µl     | to   | 200,000 µl |      |                               |   |                       |  |            |

<sup>1</sup> Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

<sup>2</sup> The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

<sup>3</sup> If the document identifying the calibration procedure is dated, only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

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**CMC for the field of measured quantity: Temperature**

| Ord. number <sub>1</sub> | Calibrated quantity / Subject of calibration   | Nominal range |      |        |      | Parameter(s) of the measurand | Lowest stated expanded measurement uncertainty <sup>2</sup> | Calibration principle       | Calibration procedure identification <sup>3</sup> | Work-place |
|--------------------------|--|---------------|------|--------|------|-------------------------------|---|-----------------------------|---|------------|
|                          |  | min           | unit | max    | unit |                               |   |                             |   |            |
| 1                        | Electronic thermometers, temperature recorders | -30 °C        | to   | 0 °C   |      | 0.2 °C                        | Direct comparison with a reference digital thermometer      | PROC_30_100_Temperature_EL  |   |            |
|                          |  | 0 °C          | to   | 30 °C  |      | 0.15 °C                       |   |                             |   |            |
|                          |  | 30 °C         | to   | 80 °C  |      | 0.07 °C                       |   |                             |   |            |
|                          |  | 80 °C         | to   | 130 °C |      | 0.2 °C                        |   |                             |   |            |
|                          |  | 130 °C        | to   | 150 °C |      | 0.3 °C                        |   |                             |   |            |
| 2                        | Glass thermometers                             | 30 °C         | to   | 80 °C  |      | 0.07 °C                       | Direct comparison with a reference digital thermometer      | PROC_30_110_Temperature_SKL |   |            |

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**CMC for the field of measured quantity: Time and frequency quantities**

| Ord. number<br>1 | Calibrated quantity / Subject of calibration | Nominal range |      |     |          | Parameter(s) of the measurand | Lowest stated expanded measurement uncertainty <sup>2</sup> | Calibration principle                       | Calibration procedure identification <sup>3</sup>                    | Work-place |
|------------------|--|---------------|------|-----|----------|-------------------------------|---|---|--|------------|
|                  |  | min           | unit | max | unit     |                               |   |   |  |            |
| 1                | Time / Digital and mechanical stopwatch      | 10 s          |      | to  | 86,400 s | Scale division 0.1s           | $0.059 \text{ s} + 7.99 \times 10^{-6} \times \Delta T$     | Direct comparison with a standard stopwatch | PROC-30-050 Calibration procedure TIME (NIST 960-12, KP 6.1.2/02/14) |            |

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