

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <b>0455</b>  Accredited to ISO/IEC 17025:2017	<b>Sartorius UK Limited</b>  Issue No: 035    Issue date: 21 May 2026	
	Longmead Business Centre Blenheim Road Epsom Surrey KT19 9QQ	Contact: Helen Keogh Tel: +44 (0)1372 737101 E-Mail: <a href="mailto:NE.servicequality@sartorius.com">NE.servicequality@sartorius.com</a> Website: <a href="http://www.sartorius.com">www.sartorius.com</a>

Calibration performed by the Organisations at the locations specified below

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Longmead Business Centre Blenheim Road Epsom KT19 9QQ  <b>Local contact:</b> Helen Keogh	Volume Rotational speed Time Temperature	Perm

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
At customer premises  The customers' site or premises must be suitable for the nature of the particular calibrations undertaken and will be the subject of contract review arrangements between the laboratory and the customer.	<b>Contact:</b> Helen Keogh  Calibration of Non-Automatic Weighting Machines Volume Rotational speed Time Temperature	Site



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Calibration and Measurement Capability (CMC)

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty ( $k = 2$ )	Remarks	Location Code
NON-AUTOMATIC WEIGHING MACHINES Self-indicating and semi-self- indicating instruments. See notes 1 and 2.	1 mg 2 mg 5 mg 10 mg 20 mg 50 mg 100 mg 200 mg 500 mg 1 g 2 g 5 g 10 g 20 g 50 g 100 g 200 g 500 g 1 kg 2 kg 5 kg 10 kg 20 kg 50 kg 100 kg 200 kg 500 kg 1000 kg 2000 kg 3000 kg	0.006 mg 0.006 mg 0.006 mg 0.006 mg 0.007 mg 0.009 mg 0.011 mg 0.013 mg 0.018 mg 0.022 mg 0.027 mg 0.035 mg 0.044 mg 0.055 mg 0.067 mg 0.11 mg 0.22 mg 0.55 mg 1.1 mg 2.2 mg 5.5 mg 11 mg 200 mg 500 mg 10 g 20 g 50 g 100 g 200 g 300 g	Note 1 Weights are available in OIML class:  E2 1 mg to 5 kg. max grouped load 11 kg.  F1 10 kg to 20 kg. Max grouped load 60 kg.  M1 10 kg to 250 kg. Max grouped load 3000 kg  Note 2. Other loads within the overall listed range may also be used.  Note 3. Method based on the requirements of Euramet guide cg-18	Site
VOLUME of liquids (See Notes 3 and 4)	Nominal value  Single Channel Pipettes 0.2 µL to 10.0 µL 10.0 µL to 20.0 µL 20.0 µL to 100 µL 100 µL to 200 µL 200 µL to 500 µL 0.5 mL to 1 mL 1 mL to 2 mL 2 mL to 5 mL 5 mL to 10 mL  Multi Channel Pipettes 0.5 µL to 10 µL 10.0 µL to 20.0 µL 20.0 µL to 100 µL 100 µL to 200 µL 200 µL to 500 µL 0.5 mL to 1.25 mL	0.055 µL 0.098 µL 0.31 µL 0.68 µL 1.5 µL 0.001 7 mL 0.004 6 mL 0.015 mL 0.026 mL  0.26 µL 0.27 µL 0.7 µL 1.2 µL 2.0 µL 0.004 6 mL	Note 3. For water delivered from piston and/or plunger operated volumetric apparatus using procedure as defined in ISO 8655:2022 (gravimetric method).  Single Channel Pipettes and Multi-Channel Pipettes  Note 4. Users requiring conformity to ISO 8655-6:2022 should note that this cannot be demonstrated using fewer than 10 readings.	Perm & Site



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Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty ( $k = 2$ )	Remarks	Location Code
ROTATIONAL SPEED Centrifuges	100 rpm to 1000 rpm 1000 rpm to 5000 rpm 5000 rpm to 15000 rpm 15000 rpm to 26000 rpm	1.2 rpm 3.5 rpm 10.0 rpm 16.0 rpm	Calibration via Optical Tachometer	Perm & Site
TEMPERATURE Temperature controlled heat blocks Temperature probes built in to centrifuges	37 °C nominal 0 °C to 10 °C	1.1 °C 1.5 °C	For calibration of <i>Ortho Clinical Diagnostics</i> heat blocks and similar devices.	Perm & Site
TIME Timers	30 s to 900 s	0.8 s	Calibration to a reference stopwatch	Perm & Site

END



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**Appendix - Calibration and Measurement Capabilities**

**Introduction**

The definitive statement of the accreditation status of a calibration laboratory is the Accreditation Certificate and the associated Schedule of Accreditation. This Schedule of Accreditation is a critical document, as it defines the measurement capabilities, ranges and boundaries of the calibration activities for which the organisation holds accreditation.

**Calibration and Measurement Capabilities (CMCs)**

The capabilities provided by accredited calibration laboratories are described by the Calibration and Measurement Capability (CMC), which expresses the lowest measurement uncertainty that can be achieved during a calibration. If a particular device under calibration itself contributes significantly to the uncertainty (for example, if it has limited resolution or exhibits significant non-repeatability) then the uncertainty quoted on a calibration certificate will be increased to account for such factors.

The CMC is normally used to describe the uncertainty that appears in an accredited calibration laboratory's schedule of accreditation and is the uncertainty for which the laboratory has been accredited using the procedure that was the subject of assessment. The measurement uncertainty is calculated according to the procedures given in the GUM and is normally stated as an expanded uncertainty at a coverage probability of 95 %, which usually requires the use of a coverage factor of  $k = 2$ . An accredited laboratory is not permitted to quote an uncertainty that is smaller than the published measurement uncertainty in certificates issued under its accreditation.

**Expression of CMCs - symbols and units**

It should be noted that the percentage symbol (%) represents the number 0.01. In cases where the measurement uncertainty is stated as a percentage, this is to be interpreted as meaning percentage of the measurand. Thus, for example, a measurement uncertainty of 1.5 % means  $1.5 \times 0.01 \times q$ , where  $q$  is the quantity value.

The notation  $Q[a, b]$  stands for the root-sum-square of the terms between brackets:  $Q[a, b] = [a^2 + b^2]^{1/2}$