


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>0828</b> <b>Accredited to</b> <b>ISO/IEC 17025:2017</b>	<b>Boost Labcare Limited</b>	
	<b>Issue No:</b> 021	<b>Issue date:</b> 12 May 2025
	<b>Jubilee Cottage</b> <b>Ham Road</b> <b>Brent Knoll</b> <b>Somerset</b> <b>TA9 4BJ</b>	<b>Contact:</b> Mr Gary White <b>Tel:</b> +44 (0)1278 788283 <b>E-Mail:</b> garywhite@boostlabcare.co.uk <b>Website:</b> www.boostlabcare.co.uk
<b>Calibration performed by the Organisations at the locations specified below</b>		

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

#### Laboratory locations:

Location details		Activity	Location code
<b>Address</b> Jubilee Cottage Ham Road Brent Knoll Somerset TA9 4BJ	<b>Local contact</b> Mr Gary White  Tel:+44 (0)1278 788283 E-Mail: garywhite@boostlabcare.co.uk Website: www.boostlabcare.co.uk	Temperature  Rotational speed	Lab

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

Location details	Activity	Location code
Customer Premises; e.g., Hospitals, Laboratories and Manufacturing & Processing Plants	Time Pressure Temperature Rotational speed	Site



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Calibration and Measurement Capability (CMC)

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty ( $k = 2$ )	Remarks	Location Code
<b>TEMPERATURE</b>				
Temperature controlled autoclaves, media preparators, chambers, environmental cabinets and ovens and similar apparatus	-20 °C to +140 °C 140 °C to 200 °C	0.54 °C 0.73 °C	Calibration performed within air chamber	Site
Temperature indicators, controllers and recorders, with temperature sensor(s)	-20 °C to +140 °C 140 °C to 200 °C	0.08 °C 0.15 °C	Calibration performed within Metal Block Baths	Lab
	-20 °C to +140 °C 140 °C to 200 °C	0.14 °C 0.18 °C		Site
<b>TIME INTERVAL</b>				
Timers	10 s to 3600 min	1.0 s	Calibration with reference timer	Site
<b>PRESSURE</b>				
Gas pressure (gauge) Calibration of pressure indicating instruments and gauges	-85 kPa to 2000 kPa	1.3 kPa	Methods consistent with EURAMET CG17	Site
<b>ROTATIONAL SPEED</b>				
Centrifuges	100 rpm to 20000 rpm	0.16%	Calibration with reference digital tachometer	Lab & 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:  $Q[a, b] = [a^2 + b^2]^{1/2}$