United Kingdom Accreditation Service

ACCREDITATION CERTIFICATE

CALIBRATION LABORATORY
No. 0602

Priorclave Ltd

is accredited in accordance with the recognised International Standard ISO/IEC 17025:2017 - General requirements for the competence of testing and calibration laboratories.

This accreditation demonstrates technical competence for a defined scope as detailed in and at the locations specified in the schedule to this certificate, and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017).

The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued by the United Kingdom Accreditation Service. The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from the UKAS website www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements. The absence of a schedule on the UKAS website indicates that the accreditation is no longer in force.

Section Head, United Kingdom Accreditation Service

Initial Accreditation date
11 June 1998

This certificate issued on
24 September 2019

UKAS is appointed as the sole national accreditation body for the UK by The Accreditation Regulations 2009 (SI No 3155/2009) and operates under a Memorandum of Understanding (MoU) with the Department for Business, Energy & Industrial Strategy (BEIS)

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

0602

Accredited to ISO/IEC 17025:2017

Priorclave Ltd

Issue No: 015 **Issue date:** 20 August 2021

129/131 Nathan Way
West Thamesmead Business Park
Woolwich
London
SE28 0AB

Contact: Mr P R Melling
Tel: +44 (0)20 8316 6620
Fax: +44 (0)20 8855 9374
E-Mail: petermelling@priorclave.co.uk
Website: www.priorclave.co.uk

Calibration performed by the Organisations at the locations specified below

Locations covered by the organisation and their relevant activities

Site activities performed away from the locations listed above*:

Location details	Activity	Location code
Customer Premises, eg, Hospitals, Laboratories, and Manufacturing Plants (*including those of Priorclave)	Temperature (Sterilizers etc, and Thermal Products)	S

0602 **Accredited to** **ISO/IEC 17025:2017**	**Schedule of Accreditation** **issued by** **United Kingdom Accreditation Service** 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK
	Priorclave Ltd **Issue No:** 015 **Issue date:** 20 August 2021

Calibration performed by the Organisation at the locations specified

Calibration and Measurement Capability (CMC)

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (k = 2)	Remarks	Location Code
Calibration is by comparison with a reference instrument				
TEMPERATURE				
Temperature controlled autoclaves, media preparators, incubators, sterilizers, ovens, fridges/refrigerators, freezers, environmental cabinetsand chambers(inclusive of associated indicators, controllers and recorders, all with sensors, within the specified parameters and ranges)	- 40 °C to + 200 °C	0.50 °C*	Single and multipoint time dependent temperature profiling, also referred to as spatial temperature surveying or mapping	S
TIME INTERVAL				
Timers	10 s to 2 hr	2.0 s	* plus resolution of indicator/recorder	S
END				

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: $Q[a, b] = [a^2 + b^2]^{1/2}$