


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> CALIBRATION 9854  Accredited to ISO/IEC 17025:2005	<b>Pendragon Scientific Limited</b>	
	Issue No: 002    Issue date: 09 November 2018	
	44 Winslow Road Granborough Buckinghamshire MK18 3NQ	Contact: Mr R Johns Tel: +44 (0)845 496 0613 E-Mail: info@pendragonscientific.com Website: www.pendragonscientific.com
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
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.	Temperature calibration of Incubators Dynamic validation of PCR Machines and thermal cyclers Temperature in a centrifuge Rotational speed (Centrifuges) Time (Centrifuges) Carbon Dioxide content in an incubator	S



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DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ( $k = 2$ )	Remarks	Location Code
TEMPERATURE Temperature controlled incubators, refrigerators, media preparators and chambers	0 °C to 70 °C	0.40 °C		S
Dynamic validation of PCR® machines and thermal cyclers			The PCR® (Polymerase Chain Reaction), process is covered by patents owned by Hoffman-LaRoche Inc.	
Accuracy and uniformity	10 °C to 100 °C	0.28 °C	Multiple sensor system	S
Temperature in a centrifuge	4 °C to 40 °C	0.50 °C		S
ROTATIONAL SPEED				
Centrifuges	30 rpm to 20000 rpm 20000 rpm to 60000 rpm	4.0 rpm 18 rpm		S
TIME INTERVAL				
Timers associated with centrifuges	0 s to 3600 s	0.60 s		S
GAS CONTENT				
Carbon Dioxide	5%	0.20%	Gas Analyser	SS
Carbon Dioxide	5%	0.30%	Single point calibration in the centre of the incubator	S
END				