


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS REFERENCE MATERIALS</p> <p>4002</p> <p>Accredited to ISO 17034:2016</p>	<h3>NPL Management Ltd</h3>	
	<p>Issue No: 014</p>	<p>Issue date: 17 February 2021</p>
	<p>National Physical Laboratory Hampton Road Teddington Middlesex TW11 0LW</p>	<p>Contact: Customer Helpline Tel: +44 (0) 20 8943 7070 Fax: +44 (0) 20 8943 6184 E-Mail: measurement_services@npl.co.uk Website: www.npl.co.uk</p>
<p>Reference material production at the above address</p>		

DETAIL OF ACCREDITATION

Matrix / Artefact	Property Value(s) / Identity / Characterisation Range	Characterisation Procedure / Technique	Type* (CRM / RM)
<p><u>Gaseous Reference Materials</u></p> <p>Single and Multi-Component Gas Mixtures</p>	<p>Gas mixtures containing components with amount fractions down to nmol/mol levels.</p> <p>Gas mixtures include those listed in the BIPM CMC tables</p> <p>The laboratory also has accreditation to ISO/IEC 17025:2017 (0478) for the preparation of synthetic gas mixtures and the certification of calibrated synthetic gas mixtures</p>	<p>Measurement by a single primary reference method at NPL.</p> <p>Method selected from: NDIR, NDUV, chemiluminescence, GC-TCD or GC-FID</p>	CRM
<p><u>Reference Materials for Thermophysical Properties</u></p> <p>Expanded polystyrene</p> <p>Perspex (Polymethylmethacrylate)</p>	Thermal conductivity	<p>Measurement by a single, primary, reference method at NPL</p> <p>(Guarded hot-plate conforming to ISO 8302:1991)</p>	CRM
<p>Metal alloy</p>	Thermal conductivity	<p>Measurement by a single, primary, reference method at NPL</p> <p>(Axial heat flow meter)</p>	CRM
<p>END</p>			



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Reference material certification performed at main address only

*Type

CRM = Certified Reference Material(s)

RM = Reference Material(s)

Refer to ISO 17034 for full definitions