

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p style="text-align: center;">0527</p> <p style="text-align: center;">Accredited to ISO/IEC 17025:2005</p>	<h3>Optical Activity Ltd</h3> <p>Issue No: 011 Issue date: 30 June 2010</p>	
	<p>Industrial Estate Bury Road Ramsey Huntingdon Cambridgeshire PE26 1NF</p>	<p>Contact: Dr J L Horn Tel: +44 (0)1487 813913 Fax: +44 (0)1487 812789 E-Mail: service@opticalactivity.com Website: www.opticalactivity.com</p>
<p>Calibration performed by the Organisations at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Industrial Estate Bury Road Ramsey Huntingdon Cambridgeshire PE26 1NF</p> <p style="text-align: right;">Local contact Dr Jennifer Horn</p>	<p>Optical Polarimetry Refractometry</p>	<p>Lab</p>

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>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.</p>	<p>Optical Polarimetry</p>	<p>Site</p>



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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
QUARTZ CONTROL PLATES				
Optical rotation	- 90° to - 10° - 10° to + 10° + 10° to + 90°	0.010° 0.0020° 0.010°		Lab
POLARIMETERS				
Optical rotation	- 90° to - 10° - 10° to + 10° + 10° to + 90°	0.010° 0.0020° 0.010°		Lab & Site
REFRACTOMETERS				
Refractive index	1.33 to 1.50 1.50 to 1.70	0.000020 to 0.00010 0.00010 to 0.00030		Lab
Calibration samples (RI)	1.33 to 1.5 1.5 to 1.7	0.000020 to 0.00010 0.00010 to 0.00030	Liquid is measured on a calibrated refractometer. The type of refractometer used will depend on the value of the sample.	Lab
Calibration samples (Brix)	0 to 16 16 to 35 35 to 100	0.020 0.050 0.10		Lab
Calibration samples (Ziess)	14.45 to 80 80 to 100	0.080 1.2		Lab
END				