


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS CALIBRATION</p> <p>0834</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Bellingham + Stanley Ltd</h3> <p>Issue No: 007 Issue date: 20 September 2010</p>	
	<p>Longfield Road Tunbridge Wells Kent TN2 3EY</p>	<p>Contact: Mr Andrew Darkins Tel: +44 (0)1892 500400 Fax: +44 (0)1892 543115 E-Mail: sales@bellinghamandstanley.co.uk Website: www.bellinghamandstanley.com</p>
<p>Calibration performed at the above address only</p>		

DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k = 2$)	Remarks
POLARIMETERS Optical rotation	- 34°Z to 105°Z Other values in the range - 34°Z to 105°Z at 589.44 nm between 10 °C and 30 °C 546 nm to 900 nm	0.017°Z 0.050°Z 0.017°Z	Values for Quartz Control Plates calculated using ICUMSA equations 3 and 6 from SPS-1 (2007)
REFRACTOMETERS Refractive index Calibration samples (RI)	Oils and Solid Plates 1.30 to 1.54 1.54 to 1.62	0.000030 0.00010	
Calibration samples (° Brix)	a) Sucrose 0 to 30 30 to 60 b) AG Fluids 0 to 40	0.010 0.020 0.020	Values at 20.0 °C and 589.3 nm
END			