


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>6750</b> Accredited to ISO/IEC 17025:2017	<b>Jaytee Biosciences Ltd</b>	
	Issue No: 007 Issue date: 21 October 2022	
	<b>The Boulevard</b> Altira Business Park Herne Bay Kent CT6 6GZ	<b>Contact: Mr Paul Boother</b> Tel: +44 (0)1227 265333 Fax: +44 (0)1227 265331 E-Mail: paul.boother@jaytee.com Website: www.jaytee.com
Calibration performed by the Organisations at the locations specified below		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> The Boulevard Altira Business Park Herne Bay Kent CT6 6GZ	<b>Local contact</b> Mr Paul Boother Tel: +44 (0)1227 265333 Fax: +44 (0)1227 265331 E-Mail: paul.boother@jaytee.com	Wavelength UV Resolution Stray Light Flow Temperature Autosamplers  Lab 1

#### Site activities performed away from the locations listed above:

Location Details	Activity	Location code
Customers Premises	Wavelength UV Resolution Stray Light Flow Temperature Autosamplers	Site



6750  
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

**Jaytee Biosciences Ltd**  
Issue No: 007 Issue date: 21 October 2022

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
<b>HPLC</b>				
UV/VIS Wavelength	200-900nm	0.012 nm <sup>1</sup>	UV detector and UV/Vis using CRMs	Lab 1 Site
UV Linearity	0 - 1.3 AU	1.2 x 10 <sup>-6</sup> AU	UV detector using CRMs	Lab 1 Site
Reproducibility, Linearity, & carry over	0 – 10 <sup>4</sup> mAU*s	5.8 x 10 <sup>-6</sup> mAU*s	HPLC Autosampler using CRMs	Lab 1 Site
Liquid Flow Rate	0.1 – 20ml/min	0.01ml/min ± 1.5%	HPLC pump using reference flowmeter	Lab 1 Site
Gradient	0 – 100% of valve	0.006 %	HPLC pump using reference flowmeter	Lab 1 Site
Temperature	5 -100°C	0.06 °C	Column & sample compartments using reference thermocouple	Lab 1 Site
Refractive Index Detector Linearity	Detector response in nRIUs as measured using CRMs with a concentration range 50-250ug/ml	1.9ug/ml	Refractive index detectors	Lab 1 Site
Refractive Index Reproducibility, Linearity & carryover	Peak area measured in nRIU using CRMs with a concentration range 50-250ug/ml	1.9ug/ml	Refractive index detectors	Lab 1 Site
Detector Emission & Excitation Wavelength	Excitation 330-370nm Emission 380-420nm	0.06nm	Fluorescence detectors	Lab 1 Site
<b>GC</b>				
Temperature	40 -300°C	0.06 °C	GC Oven using reference thermocouple	Lab 1 Site
Linearity	0 - 10 <sup>7</sup> pA*s	5.8 x 10 <sup>-6</sup> pA*s	GC FID & MS Detectors using CRMs	Lab 1 Site
Reproducibility	0 - 10 <sup>7</sup> pA*s	5.8 x 10 <sup>-6</sup> pA*s	Autosampler using GC-FID	Lab 1 Site



6750  
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

**Jaytee Biosciences Ltd**  
Issue No: 007 Issue date: 21 October 2022

Calibration performed by the Organisation at the locations specified

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (k = 2)	Remarks	Location Code
<b>GC (Cont'd)</b>				
Carry over	0 - 10 <sup>7</sup> pA*s	5.8 x 10 <sup>-6</sup> pA*s	GC-FID	Lab 1 Site
<b>UV/VIS Spectrophotometer</b>				
Wavelength	33 bands from 200-865nm	0.006 nm	UV & UV/Vis Spectrophotometers using CRMs	Lab 1 Site
Photometric Accuracy	0 – 1.0 AU	6x 10 <sup>-5</sup> AU	UV & UV/Vis Spectrophotometers using CRMs	Lab 1 Site
Stray Light	0 – 3 AU	6x 10 <sup>-5</sup> AU <sup>11</sup>	UV Spectrophotometer using CRMs	Lab 1 Site
Resolution	Min to Max AU	6 x 10 <sup>-3</sup>	UV Spectrophotometer using CRMs	Lab 1 Site
<b>FTIR Spectrophotometer</b>				
Wavelength Accuracy and Resolution	Wavenumbers 538-3083 cm <sup>-1</sup>	0.08 cm <sup>-1</sup>	FTIR Spectrophotometer	Lab 1 Site
END				



6750  
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

**Jaytee Biosciences Ltd**  
**Issue No: 007 Issue date: 21 October 2022**

Calibration performed by the Organisation at the locations specified

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