

### FTIR Test Facility

#### **Specifications**

Model	: Shimadzu IR affinity model 1S
Measurement wavelength range	: 4000 cm <sup>-1</sup> to 600 cm <sup>-1</sup>
Resolution	: 0.5 cm <sup>-1</sup>
Crystal	: ZnSe
Detector	: DLATGS
No of scans	: 45
Software	: IR Labsolution
Mode	: ATR and KBr

#### **Sample quantity**

Solid	: 100 mg (should be fine powder)
Liquid	: 3 ml
Thin film	: Area (1 × 1 cm, film thickness – minimum 200 μm)

Sample type	Internal (PSG Institution)	External (Other than PSG Institution)	Industry
<b>Solid/ liquid/ thin film</b>	150 + 18% GST	300 + 18% GST	500 + 18% GST

#### Contact Details

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