

infrared

Region of the electromagnetic spectrum extending from 780 nm to about 20 000 nm .

According to the CIE, the range between 780 nm and 1 mm is subdivided into:

IR-A 780 - 1400 nm

IR-B 1.4 - 3 μm

IR-C 3 μm – 1 mm

Note: This is the *wavelength* region in which *absorption* by a molecular entity causes excitation of its vibrational, rotational, and bending modes.

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