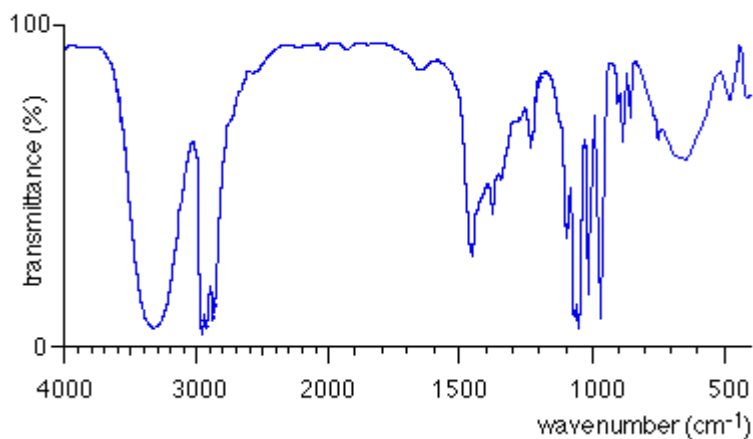


Chemguide – questions

INFRA-RED SPECTROSCOPY: THE FINGERPRINT REGION

1. Use the two IR spectra below (taken from the Chemguide page) to explain what is meant by the fingerprint region of an infra-red spectrum, and how it differs from the rest of the spectrum.

infra-red spectrum of propan-1-ol, $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$



infra-red spectrum of propan-2-ol, $\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$

