

---

**AS  
CHEMISTRY**7404

---

**Data Sheet**

This Data Sheet is provided with AQA AS Chemistry question papers.

**Table A**

Infrared absorption data

<b>Bond</b>	<b>Wavenumber / <math>\text{cm}^{-1}</math></b>
N—H (amines)	3300–3500
O—H (alcohols)	3230–3550
C—H	2850–3300
O—H (acids)	2500–3000
$\text{C}\equiv\text{N}$	2220–2260
C=O	1680–1750
C=C	1620–1680
C—O	1000–1300
C—C	750–1100

