

Resources & Facilities

Inorganic Chemistry Lab



Magnetic Susceptibility balance

displays results for the sample, R , and the blank tube, R_0 , which are then computed using the calculation formulae. By using matched magnets and a printed circuit construction for the coil, balance reproducibility is ensured.



UV/Visible Spectrophotometer

Molecules containing π -electrons or non-bonding electrons (n -electrons) can absorb the energy in the form of ultraviolet or visible light to excite these electrons to higher anti-bonding molecular orbitals. The more easily excited the electrons, the longer the wavelength of light it can absorb.