Spectrophotometry

Quantifies the transmission of light through solutions

COLORIMETRY:

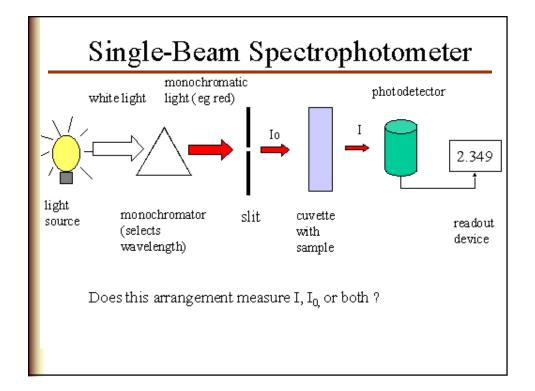
When chemical reaction occurs that changes the color of the solution, which in turn increases the absorption of light at a *specific* wavelength.

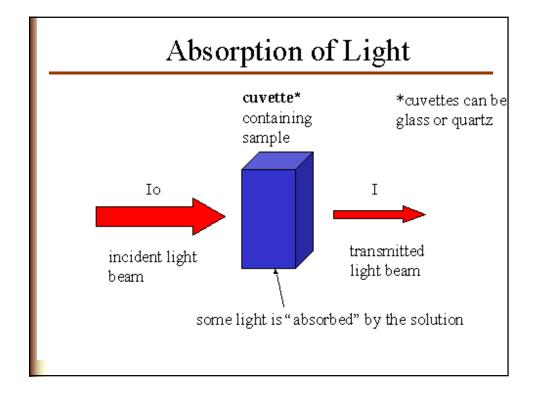
SPECTROPHOTOMETRY:

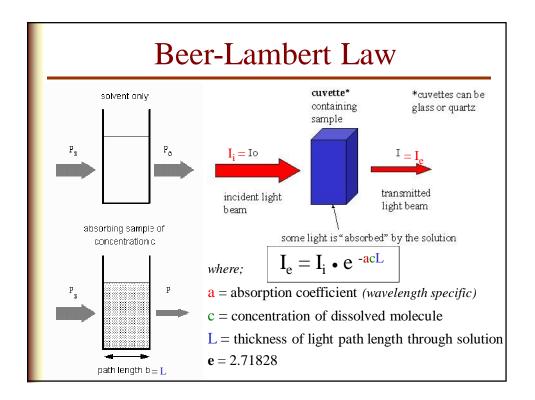
GENESYS[™] 10 Series Spectrophotometers



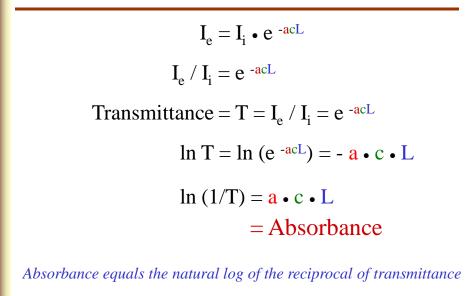
When the solution contains a *specific* molecule that absorbs light at a *specific* wavelength (*eg: NADH* @ 340 nm).

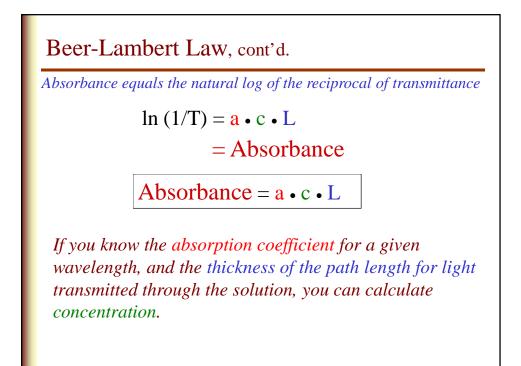


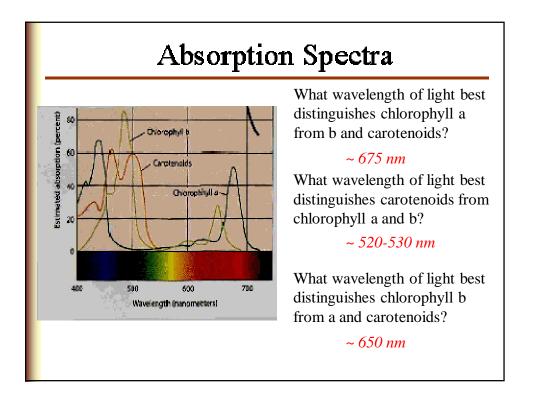


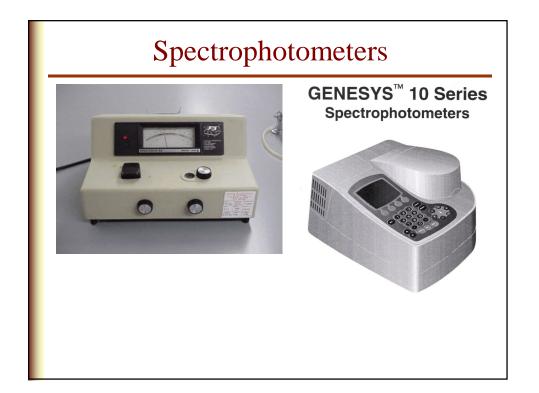












0.354 A	Cell #
0.354 A	
444 nm	