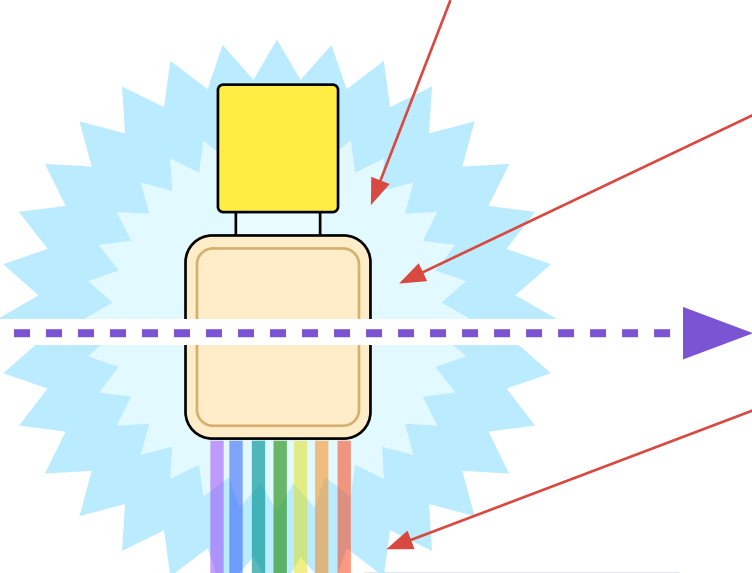


How does fluorescence spectrometry work?



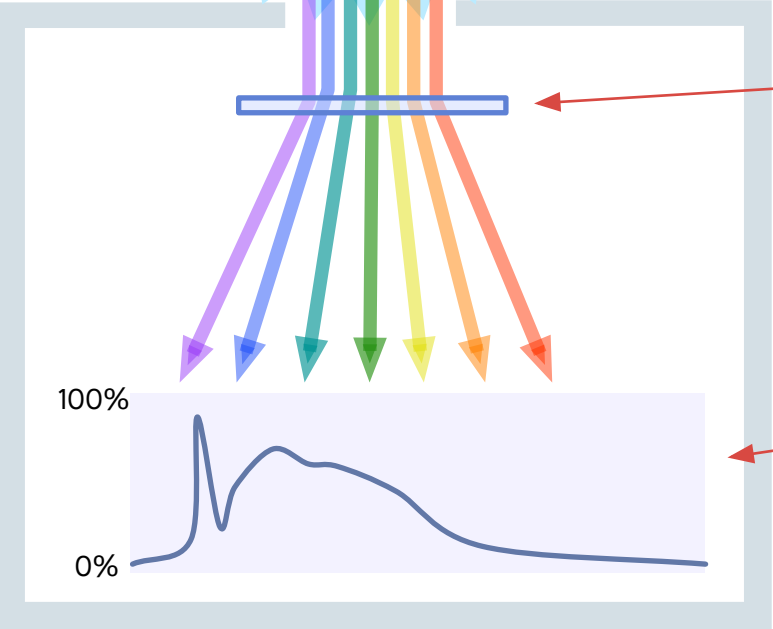
UV laser

sample dissolved in mineral oil



A. laser excites fluorescent glow in sample

B. beam of light enters spectrometer through slit



C. diffraction grating separates light by color

D. spectrometer webcam and software graphs color intensities