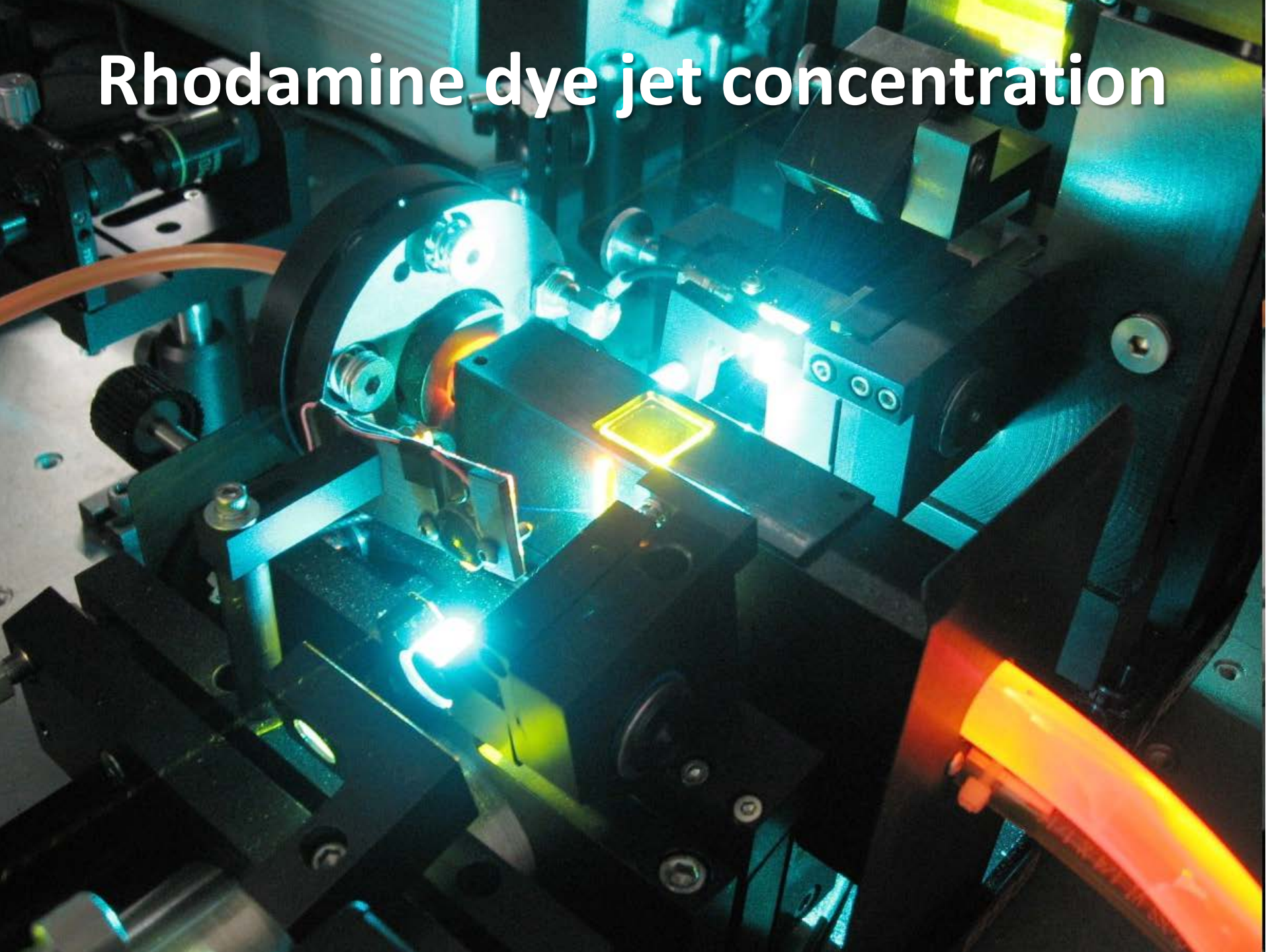


Rhodamine dye jet concentration



Rhodamine dye jet concentration

Rhodamine is a laser dye. To get the laser to run you need an absorbance of 0.5 in a jet that is 100 microns thick. For Rhodamine $\epsilon = 55,000 \text{ M}^{-1}\text{cm}^{-1}$ at 560 nm. What concentration of Rhodamine is required?