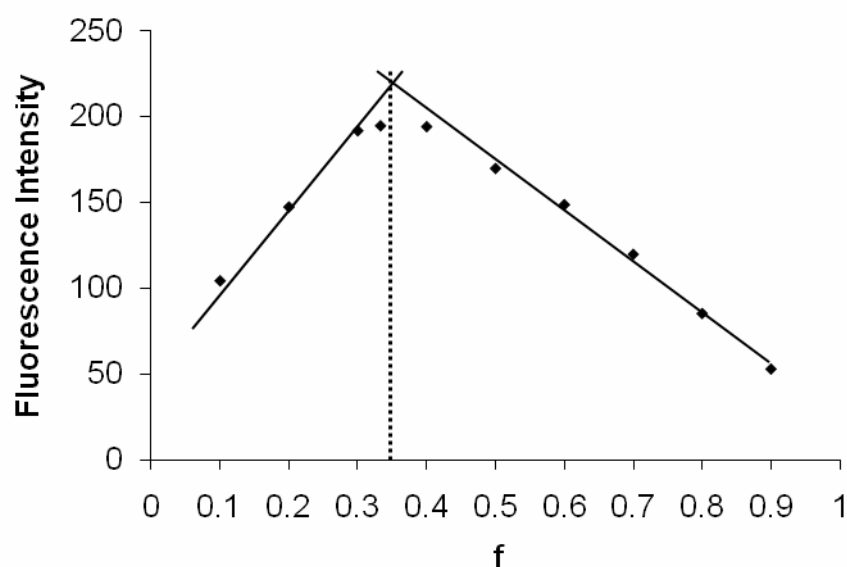
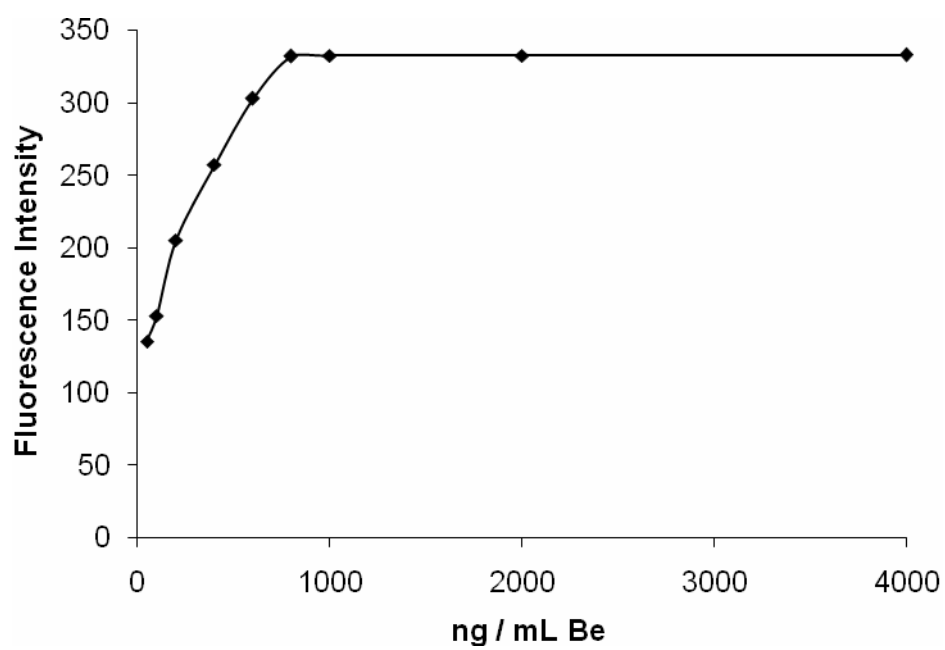


Effect of time on the fluorescence intensity of the Al(III)-OVAC complex. Reaction conditions: $27 \mu\text{g L}^{-1}$ Al(III) and 10^{-4} M OVAC, pH 4.0, 50% acetone-50% water medium, and wavelengths of 423 nm for excitation and 553 nm for emission.



Aluminium(III) complex stoichiometry determination for complexation with OVAC by spectrofluorimetric measurements using excitation at 423 nm and emission at 553 nm (Job's method). f denotes the concentration ratio of Al to the sum of Al and OVAC.



Be²⁺ addition required to minimise interference from 1.2 mg L⁻¹ F⁻.