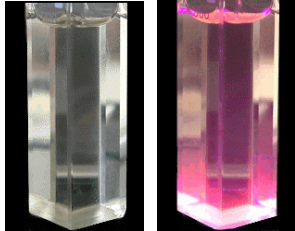




(a)



(b)

(c)

Optical properties of Cd(Mn)S nanoparticles

demonstrated by photographs made under daylight (a,b) and under UV lamp with excitation wavelength of 365 nm (c).

Picture (a): Cd(Mn)S powder doped with 1 at% manganese.

Picture (b): Colloidal solution of (a).

Picture (c): Emission of red light due to intra-3d-orbital transitions of Mn^{2+} ions.