

The colour of light absorbed by an aqueous solution of CuSO_4 is (2012)

- (a) orange-red (b) blue-green
(c) yellow (d) violet

The aqueous solution of CuSO_4 consist of the complex $[\text{Cu}(\text{H}_2\text{O})_4]^{2+}$ ion which absorbed in orange-red region and impart deep blue colouration to solution.