

Calculation of the binding isotherms for Zn(II)- and Cd(II)-C-phycoyanin complexes by UV / Visible spectroscopy. / E. Gelagutashvili. / Nano Studies. – 2015. – # 12. – pp. 155-158. – eng.

The interaction of Cd(II) and Zn(II) ions with C-phycoyanin (C-PC) from *Spirulina platensis* has been studied by UV / Visible spectroscopy at 10 mM ionic strength. The absorbance variation with increase of metal ions concentrations was used to construct the half-reciprocal curve. The logarithm of binding constants and Gibbs free energy for Cd(II)- and Zn(II)-C-phycoyanin complexes were estimated from this plot. Fig. 2, Ref. 14.

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