

ABSTRACT

In order to highlight the presentation of this thesis and provide detailed investigation on the formation of complexes of Zinc using its salt with the ligand 1,2,4,5-benzene tetracarboxylic acid the whole thesis has been divided in\ five chapters. The synthesis of the complexes has been done by using the technique Sonication and reflux method using different concentrations and different mediums. The confirmation of synthesized zinc complexes was done by using Fourier-transform infrared spectroscopy (FTIR), Ultraviolet-Visible spectroscopy (UV-Vis spectroscopy).