## analytic aplication for the determination of aminoglycoide antipiotics fiaton-pair formathion and their biological activies

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This present thesis comprises four chapters: Chapter 1 includes an introduction and aliterature survey on the method of determination of amikacin sulphate, neomycin sulphate, tobramycin sulphate and vancomycin hydrochlorid. Chapter 2 includes the experimental part, the materials, preparations of the solid ion-pair complexes, solution, instruments determination of the opitimum experimental conditions for ion-pair precipition from aqueous solutions and the quantitative determination of the drug used. Also, this chapter includes the optimum experimental conditions for conductimetric determination, atomic absorption study and spectral measurement of the investigated drugs. The soild ion – pair complexes of the drugs under investigation with ammonium reineckate, potassium ferrocyanide, cobalt thiocyanate, nickal thiocyanate and sodium nitroprusside are confirm by elemental analysis and determination of metal content.