

CONTENT

CHAPTER	TITLE	PAGE
I	THEORY OF SPECTROPHOTOMETRY	1
II	SYNTHESIS OF 1-(4'-CHLORO-2'-TOLYL)-4,4,6-TRIMETHYL (1H,4H)-2-PYRIMIDINETHIOL AND ITS CHARACTERISATION	28
III	EXTRACTIVE PHOTOMETRIC DETERMINATION OF PALLADIUM(II) WITH 4'-CHLORO-2'-TOLYL-TPT	38
IV	EXTRACTIVE PHOTOMETRIC DETERMINATION OF COPPER(II) WITH 4'-CHLORO-2'-TOLYL-TPT	65
V	EXTRACTIVE PHOTOMETRIC DETERMINATION OF RUTHENIUM(III) WITH 4'-CHLORO-2'-TOLYL TPT	94