CONTENTS

CHAPTER	TITLE		PAGE
	Certificate of Guide		
	Acknowledgement		
	Synopsis		
I	INTRODUCTION	* • •	1 - 16
	Introduction	• • •	1
	Analytical Aspects of Thiosemicarbazones	•••	4
	References	• • •	13
II	SPECTROPHOTOMETRIC DETERMINATION OF COPPER(II) WITH QAT	•••	17-44
	Synthesis of QAT	• • •	13
	Determination of Copper(II)	•••	21
	References	•••	40
III	SPECTROPHOTOMETRIC DETERMINATION OF NICKEL(II) WITH QAT	•••	45– 68
	Determination of Nickel(II)	• • •	46
	References	•••	64
IV	SPECTROPHOTOMETRIC DETERMINATION OF IRON(II) WITH QAT	•••	69-91
	Determination of Iron(II)	•••	70
	Deferences		00