

C O N T E N T S

CHAPTER - I

1. INTRODUCTION

1.1	Historical Introduction	..	1-19
1.1.1	Visual Methods	..	1
1.1.2	Potentiometric Methods	..	8
1.1.3	Coulometric Methods	..	12
1.2	Theory	..	20-33
1.2.1	Theory of Potentiometric Method	..	20
1.2.2	Theory of Coulometric Method	..	25
1.3	The aim of the Present work	..	33

CHAPTER - II

2. EXPERIMENTAL

2.1	Estimation of Sugars by Coulometric Method	..	35-42
2.1.1	Instrumentation	..	35
2.1.2	Chemicals, Reagents and Preparation of Solutions	..	40
2.1.3	Procedure	..	41
2.2	Estimation of Sugars by Visual Method	..	43-45
2.2.1	Chemicals, Reagents and Preparation of Solutions	..	43
2.2.2	Procedure	..	44
2.3	Estimation of Sugars by Potentiometric Method	..	45-47

2.3.1	Chemicals, Reagents and Preparation of Solutions	..	45
2.3.2	Procedure	..	46

CHAPTER - III

3. RESULTS AND DISCUSSION

3.1	Results	..	49
3.2	Discussion	..	100

CHAPTER - IV

	SUMMARY	..	109
	References	..	118