CONTENTS

Introduction

	Properties of selected raw materials		3
	2.1	Rice	3
	2.2	Potatoes	10
	2.3	Wheat	17
	2.4	Conclusions	31
	Specific ingredients		34
	3.1	Fats and fat substitutes	34
	3.2	Emulsifiers and stabilisers	39
	3.3	Starch and related thickeners	41
	3.4	Sugar	45
	3.5	Salt	46
	3.6	Gelling agents and thickeners	52
	3.7	Proteins	61
	3.8	Water	63
	3.9	Air	66
	3.10	Microbial cultures	68
	3.11	Other 'additives'	70
4.	Examples of the use of ingredients for a specific functional purpose		74
	4.1	Laminated fat products	74
	4.2	Meringues Meringues	76
	4.3	Soufflés	77
	4.4	Ice cream	77
	4.5	Mayonnaise	80
	4.6	Texturised vegetable protein (TVP)	82
5.	Cond	clusions	85
6.	References		86