

CONTENTS

List of contributors	xi
1. Introduction	1
Part I Perceiving and measuring colour	7
2. The perception and sensory assessment of colour	9
3. Colour measurement of food : principles and practice	33
4. Models of colour perception and colour appearance	64
5. Colour measurement of foods by colour reflectance	80
6. Colour sorting for the bulk food industry	115
Part II Colour control in food	143
7. The Chemistry of food colour	145
8. Colour stability in vegetables	179
9. Modelling colour stability in meat	233
10. Analysing changes in fruit pigments	248
11. Improving natural pigments by genetic modification of crop plants	283
12. Food Colorings	297
13. Developments in natural colourings	331
14. Calibrated colour imaging analysis of food	352
Index	367