

CONTENTS

1. Chemical Excitation of Taste and Odor Receptors	1
2. Current Status of Odor Theories	29
3. Objective Approaches to Odor Measurement	53
4. Sensory Evaluation of Food Flavor	64
5. Progress and Limitations in the Identification of Flavor Components	70
6. Role of Milk Lipids in Flavors of Dairy Products	94
7. Advances in Fruit Flavor Chemistry	121
8. Separation and Characterization of Flavor Components from Vegetables	131
9. Chemistry of Bread Flavor	153
10. Beverage Flavors	174
11. Flavor of Flesh Foods	190
12. Advances in Spice Flavor and Oleoresin Chemistry	203
13. Irradiation Damage in Lipids	225
14. Flavor and Biochemistry of Volatile Banana Components	241
15. Recent studies of 5'-Nucleotides as New Flavor Enhancers	261
Index	275