

CONTENTS

Preface	iii
Contributors	vii
1 HPLC	1
2 Derivatization Methods for Liquid Chromatographic Separation of Amino Acids	53
3 HPLC Analysis of Amino Acids	75
4 Derivatization and Liquid Chromatographic Separation of Peptides	117
5 HPLC of Food Proteins	141
6 HPLC of Lipids	169
7 Phospholipid Analysis by HPLC	241
8 HPLC Determination of Carbohydrates in Foods	259
9 The Fat-Soluble Vitamins	275
10 Quantitative Determination of Water-Soluble Vitamins Using HPLC	341
11 HPLC Analysis of Organic Acids	371
12 Determination of Mycotoxins in Grains and Related Products	387
13 HPLC Determination of Additives and Preservatives	421
14 Determination of Antimicrobial Residues in Edible Animal Products By HPLC	457
15 Analysis of Pesticide Residues in Food by HPLC	507
16 HPLC Analysis of Bittering Substances, Phenolic Compounds, and Various Compounds of Alcoholic Beverages	579
17 HPLC Analysis of Organic Bases	643
18 Determination of N-Nitroso Compounds in Foods and Beverages Using HPLC	673
19 HPLC Detection of Polycyclic Aromatic Hydrocarbons	697
20 Determination of Anions and Cations in Food by HPLC	713
Index	731