

nt

Volume I

	PAGE		PAGE
Important Notices	v	Common and Chemical Names of Drugs	132
Preface	vii		
About the Association	xiii	6. Disinfectants	133
Guide to Method Format	xiv	Phenol Coefficient Methods	133
Definitions of Terms and Explanatory Notes	xv	Use-Dilution Methods	135
Collaborative Study Procedures	xxii	Other Tests	137
CHAPTER		7. Pesticide Formulations	147
1. Agricultural Liming Materials	1	General Methods	147
Calcium Silicate Slags	3	Inorganic and Organometallic Pesticides and Adjuvants	153
Gravimetric Elemental Analyses	4	pesticides Related to Natural Products and Their Synergists	164
Chelometric Elemental Analyses	5	Organohalogen Pesticides	174
Colorimetric Elemental Analyses	6	Thiophosphorus and Other Organophosphorus Pesticides	197
2. Fertilizers	9	Carbamate, Substituted Urea, and Triazine Pesticides	212
Water	11	Miscellaneous Pesticides	223
Phosphorus	12	Common and Chemical Names of Pesticides	230
Nitrogen	17		
Potassium	23	8. Hazardous Substances	232
Other Elements	27		
Peat	36	9. Metals and Other Elements at Trace Levels in Foods	237
3. Plants	40	Multielement Methods	237
Metals	40	Single Element Methods	242
Individual Metals	43		
Nonmetals	50	10. Pesticide and Industrial Chemical Residues	274
Other Constituents	58	Multiresidue General Considerations	274
Pigments	62	Organochlorine Residues	283
Tobacco	64	Organophosphorus Residues	286
4. Animal Feed	69	Fumigant Residues	290
Protein	70	Carbamate Residues	291
Urea	76	Individual Residues	294
Nitrogen	77	Common and Chemical Names of Pesticides	310
Fat	79		
Fiber	80	11. Waters; and Salt	314
Sugars	83	Waters	312
Minerals	84	Salt	334
Microscopy	88		
5. Drugs in Feeds	91	12. Microchemical Methods	337
Chemical Methods	91		
Microbiological Methods for Antibiotics	115		
Chemical Methods for Antibiotics	129		

	PAGE		PAGE
13. Radioactivity	349	Inorganic Drugs	501
14. Veterinary Analytical Toxicology	356	Antihistamines	512
15. Cosmetics	359	Alkanolamines	515
General Methods	359	Phenethylamines.....	520
Deodorants and Antiperspirants.....	361	Aminobenzoates	521
Dipilatories	365	Synthetics	525
Face Powders	365	Microchemical Tests	533
Hair Preparations	366	Microscopy	541
Suntan Preparations	367	Miscellaneous	542
16. Extraneous Materials: Isolation	369	Common and Chemical	
General	369	Names of Drugs	545
Beverages and Beverage		19. Drugs: Part II	548
Materials.....	373	Acids	548
Dairy Products	375	Phenolic Drugs	549
Nuts and Nut Products.....	379	Analgesics and Antipyretics.....	553
{Grains and Their Products.....	380	Hypnotics and Sedatives	558
Baked Goods	385	Anticoagulants	565
Breakfast Cereals	387	Sulfonamides	567
Eggs and Egg Products	388	Thiazides	570
Poultry, Meat, and Fish and Other		Other Sulfur-Containing Drugs	573
Marine Products	389	Common and Chemical	
Fruits and Fruit Products	391	Names of Drugs	578
Snack Food Products	393	20. Drugs: Part III	579
Sugars and Sugar Products	393	Opium Alkaloids	579
Vegetables and Vegetable		Tropane Alkaloids	583
Products	394	Xanthine Alkaloids.....	584
Spices and Other Condiments	397	Ipecac Alkaloids.....	584
Miscellaneous	406	Ephedra Alkalids	586
Animal Excretions	407	Ergot Alkaloids.....	588
Mold and Rot Fragments	416	Physostigmine Alkaloids	590
Fruits and Fruit Products	418	Chinchona Alkaloids	592
Vegetables and Vegetables		Rauwolfia Alkaloids.....	593
Products	419	Other Alkaloids	598
General References.....	423	Digitalis.....	599
17. Microbiological Methods	425	Other Natural Products.....	602
Cross Reference Tables	425	Common and Chemical	
Eggs and Egg Products	427	Names of Drugs	606
Chilled, Frozen, Precooked, or		21. Drugs: Part IV	607
Prepared Foods, and Nutmeats	429	Natural Estrogens	607
Coliforms	434	Synthetic Estrogens	609
Escherichia coli	438	Progestational Steroids	612
Staphylococcus	449	Adrenocortico Steroids.....	613
Sterility (Commercial) of Foods		Thyroid	618
(Canned, Low Acid)	455	Common and Chemical	
Clostridium.....	459	Names of Drugs	619
Bacillus	464	22. Drugs: Part V	620
Salmonella	467	Common and Chemical Names of Drugs	624
Vibrio	492	23. Drugs and Feed Additives in Animal	
Miscellaneous.....	494	Tissues	625
Somatic Cells	496	Common and Chemical Names of	
18. Drugs: Part I	498	Drugs	636
Solvents.....	498		
Halogenated Drugs	499		

	PAGE
24. Forensic Sciences	637
Appendix: Standard Solutions and certified Reference Materials	640
Appendix: Laboratory Safety	649
Appendix: Reference Tables	656

	PAGE
Appendix: Guidelines for Collaborative Study Procedure to Validate Characteristics of a Method of Analysis	673
Subject Index	I-1
Method Number Index	1-55

Volume II

	PAGE
Important Notices	v
Definitions of Terms and Explanatory Notes	xi
Guide to Method Format	xviii
CHAPTER	
25. Baking Powders and Baking Chemicals ..	685
26. Distilled Liquors	690
Spirits	690
Cordials and Liqueurs	704
27. Malt Beverages and Brewing Materials ..	708
Beer	708
Barley	723
Malt	723
Cereal Adjuncts	730
Hops	731
Brewing Sugars and Sirups	733
Wort	734
Yeast	735
Brewers' Grains	737
28. Wines	739
General	739
Preservatives	749
Flavors	750
29. Nonalcoholic Beverages and Concentrates	751
30. Coffee and Tea	757
Green Coffee	757
Roasted Coffee	757
Tea	761
31. Cacao Bean and Its Products	763
General	763
Shell	764
Chocolate Liquor	770
Fat	770
Other Constituents	772

	PAGE
32. Cereal Foods	777
Wheat Flour	777
Wheat, Rye, Oats, Corn, Buckwheat, Rice, Barley, and Soybeans and Their Products Except Cereal Adjuncts	788
Bread	790
Baked Products	794
Macaroni, Egg Noodles, and Similar Products	796
33. Dairy Products	802
Sampling	802
Milk	804
Cream	831
Evaporated and Condensed Milk	833
Dried Milk, Nonfat Dry Milk, and Malted Milk	834
Butter	836
Cheese	840
Ice Cream and Frozen Desserts	850
34. Eggs and Egg Products	853
35. Fish and Other Marine Products	864
36. Flavors	890
Vanilla Extract and Its Substitutes	890
Lemon, Orange, and Lime Extracts, Flavors and Oils	898
Almond Extract	903
Cassia, Cinnamon, and Clove Extracts ..	905
Flavor Extracts and Toilet Preparations ..	905
37. Fruits and Fruit Products	910
38. Gelatin, Dessert Preparations, and Mixes	929
39. Meat and Meat Products	931
40. Nuts and Nut Products	949

	PAGE		PAGE
41. Oils and Fats	951	Halogens	1135
		Miscellaneous	1136
42. Vegetable Products. Processed	987	47. Food Additives: Direct	1137
Canned Vegetables	987	Antioxidants	1137
Dried Vegetables	994	Chemical Preservatives	1141
Frozen Vegetables	995	Emulsifying Agents	1163
		Enzymes	1164
43. Spices and Other Condiments	999	Miscellaneous	1165
		48. Food Additives: Indirect	1176
44. Sugars and Sugar Products	1010	49. Natural Poisons	1184
Sugars and Sirups	1010	Mycotoxins-General	1184
Molasses and Molasses Products	1021	Aflatoxins	1185
Confectionary	1024	Aflatoxin M	1199
Honey	1025	Deoxynivalenol	1205
Maple Sap. Maple Sirup. Maple		Ochratoxins	1207
Sirup Products	1034	Patulin	1209
Sugar Beets	1039	Sterigmatocystin	1210
Corn Sirups and Sugars	1039	Zearalenone	1211
		Marine Toxins	1213
45. Vitamins and Other Nutrients	1045	Phytotoxins	1213
Chemical Methods	1045		
Microbiological Methods	1080	Appendix: Standard Solutions and Certified	
Bioassay Methods	1091	Reference Materials	1214
Nutritionally Related Components	1099	Appendix: Laboratory Safety	1223
Infant Formula	1106	Appendix: Reference Tables	1230
46. Color Additives	1115	Subject Index	1-1
Separation and Identification of Color		Method Number Index	1-55
Additives in Foods. Drugs.			
and Cosmetics	1115		
Intermediates	1126		
Subsidiary and Lower Sufonated Dyes ...	1132		
Metals and Other Elements	1132		