

2015

Dietary Supplements Compendium

DSC

Volume 1

General Notices and Requirements

USP–NF General Chapters

USP–NF Dietary Supplement Monographs

USP–NF Excipient Monographs

FCC General Provisions

FCC Monographs

FCC Identity Standards

FCC Appendices

Reagents, Indicators, and Solutions

Reference Tables

Notice and Warning

Concerning U.S. Patent or Trademark Rights

The inclusion in the USP Dietary Supplements Compendium of a monograph on any dietary supplement in respect to which patent or trademark rights may exist shall not be deemed, and is not intended as, a grant of, or authority to exercise, any right or privilege protected by such patent or trademark. All such rights and privileges are vested in the patent or trademark owner, and no other person may exercise the same without express permission, authority, or license secured from such patent or trademark owner.

Concerning Use of the USP Dietary Supplements Compendium

Attention is called to the fact that USP Dietary Supplements Compendium text is fully copyrighted. Authors and others wishing to use portions of the text should request permission to do so from the Legal Department of the United States Pharmacopeial Convention.

Copyright © 2015 The United States Pharmacopeial Convention
ISBN: 978-1-936424-41-2
12601 Twinbrook Parkway, Rockville, MD 20852
All rights reserved.

Contents

USP Dietary Supplements Compendium

Volume 1

Members	v
Mission and Preface	1
General Notices and Requirements	9
<i>USP–NF</i> General Chapters	25
<i>USP–NF</i> Dietary Supplement Monographs	847
<i>USP–NF</i> Excipient Monographs	1723
<i>FCC</i> General Provisions	1937
<i>FCC</i> Monographs	1947
<i>FCC</i> Identity Standards	2227
<i>FCC</i> Appendices	2235
Reagents, Indicators, and Solutions	2413
Reference Tables	2513
Index	I-1
USP Reference Standards Index	I-35

Volume 2

Preface	v
Dietary Supplements Admission Evaluations	1
USP Dietary Supplement Verification Program	205
Dietary Supplements Regulatory Framework	283
Tables of Dietary Intake Levels	517
Guidance Documents	533
Illustrations	623
Index	I-1

General Notices and Requirements

Applying to Standards, Tests, Assays, and Other Specifications of the United States Pharmacopeia

1. Title and Revision	13	6.50. Preparation of Solutions	17
2. Official Status and Legal Recognition	13	6.60. Units Necessary to Complete a Test	18
2.10. Official Text	13	6.70. Reagents	18
2.20. Official Articles	13	6.80. Equipment	18
2.30. Legal Recognition	13	7. Test Results	18
3. Conformance to Standards	13	7.10. Interpretation of Requirements	18
3.10. Applicability of Standards	13	7.20. Rounding Rules	19
3.20. Indicating Conformance	14	8. Terms and Definitions	19
4. Monographs and General Chapters	14	8.10. Abbreviations	19
4.10. Monographs	14	8.20. About	19
4.20. General Chapters	15	8.30. Alcohol Content	19
5. Monograph Components	15	8.40. Atomic Weights	19
5.10. Molecular Formula	15	8.50. Blank Determinations	19
5.20. Added Substances	15	8.60. Concomitantly	19
5.30. Description and Solubility	16	8.70. Desiccator	19
5.40. Identity	16	8.80. Logarithms	19
5.50. Assay	16	8.90. Microbial Strain	19
5.60. Impurities and Foreign Substances	16	8.100. Negligible	20
5.70. Performance Tests	17	8.110. NLT/NMT	20
5.80. USP Reference Standards	17	8.120. Odor	20
6. Testing Practices and Procedures	17	8.130. Percent	20
6.10. Safe Laboratory Practices	17	8.140. Percentage Concentrations	20
6.20. Automated Procedures	17	8.150. Pressure	20
6.30. Alternative and Harmonized Methods and Procedures	17	8.160. Reaction Time	20
6.40. Dried, Anhydrous, Ignited, or Solvent-Free Basis	17	8.170. Specific Gravity	20
		8.180. Temperatures	20
		8.190. Time	20
		8.200. Transfer	20
		8.210. Vacuum	20
		8.220. Vacuum Desiccator	20
		8.230. Water	20
		8.240. Weights and Measures	20

9. Prescribing and Dispensing 21
9.10 Use of Metric Units 21
9.20 Changes in Volume 21

**10. Preservation, Packaging, Storage,
and Labeling** 22
10.10. Packaging and Storage 22
10.40. Labeling 23

USP–NF General Chapters

This section contains selected official general chapters that are reprinted from the *USP*. Only those *USP* chapters considered relevant for the analysis and/or manufacturing of dietary supplements are included in this section. Chapters specifically dedicated to dietary supplements are numbered above 2000.

General Requirements for Tests and Assays

⟨2⟩ Oral Drug Products—Product Quality Tests	29
⟨11⟩ USP Reference Standards	34

Apparatus for Tests and Assays

⟨21⟩ Thermometers	36
⟨31⟩ Volumetric Apparatus	37
⟨41⟩ Balances	38

Microbiological Tests

⟨51⟩ Antimicrobial Effectiveness Testing	38
⟨61⟩ Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests	41
⟨62⟩ Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms	48

Biological Tests and Assays

⟨91⟩ Calcium Pantothenate Assay	55
⟨111⟩ Design and Analysis of Biological Assays	57
⟨115⟩ Dexpanthenol Assay	72
⟨171⟩ Vitamin B ₁₂ Activity Assay	74

Chemical Tests and Assays: Identification Tests

⟨181⟩ Identification—Organic Nitrogenous Bases	77
⟨191⟩ Identification Tests—General	77
⟨197⟩ Spectrophotometric Identification Tests	80
⟨201⟩ Thin-Layer Chromatographic Identification Test	81
⟨202⟩ Identification of Fixed Oils by Thin-Layer Chromatography	82
⟨203⟩ High-Performance Thin-Layer Chromatography Procedure for Identification Of Articles Of Botanical Origin	84

Limit Tests

⟨206⟩ Aluminum	86
⟨211⟩ Arsenic	86
⟨221⟩ Chloride and Sulfate	88
⟨228⟩ Ethylene Oxide and Dioxane	89
⟨231⟩ Heavy Metals	91
⟨233⟩ Elemental Impurities - Procedures	93
⟨241⟩ Iron	97
⟨251⟩ Lead	98
⟨261⟩ Mercury	99
⟨271⟩ Readily Carbonizable Substances Test	101
⟨281⟩ Residue on Ignition	101
⟨291⟩ Selenium	102

Other Tests and Assays

⟨301⟩ Acid-Neutralizing Capacity	103
⟨311⟩ Alginates Assay	104
⟨341⟩ Antimicrobial Agents—Content	105
⟨345⟩ Assay for Citric Acid/Citrate and Phosphate	108
⟨401⟩ Fats and Fixed Oils	109

⟨411⟩ Folic Acid Assay	123
⟨429⟩ Light Diffraction Measurement of Particle Size	123
⟨441⟩ Niacin or Niacinamide Assay	128
⟨461⟩ Nitrogen Determination	133
⟨466⟩ Ordinary Impurities	134
⟨467⟩ Residual Solvents	136
⟨471⟩ Oxygen Flask Combustion	150
⟨481⟩ Riboflavin Assay	151
⟨501⟩ Salts of Organic Nitrogenous Bases	152
⟨531⟩ Thiamine Assay	152
⟨541⟩ Titrimetry	153
⟨551⟩ Vitamin E Assay	156
⟨561⟩ Articles of Botanical Origin	164
⟨563⟩ Identification of Articles of Botanical Origin	177
⟨565⟩ Botanical Extracts	189
⟨571⟩ Vitamin A Assay	191
⟨581⟩ Vitamin D Assay	196
⟨591⟩ Zinc Determination	206
Physical Tests and Determinations	
⟨611⟩ Alcohol Determination	206
⟨616⟩ Bulk Density and Tapped Density of Powders	208
⟨621⟩ Chromatography	212
⟨631⟩ Color and Achromicity	222
⟨641⟩ Completeness of Solution	224
⟨643⟩ Total Organic Carbon	224
⟨645⟩ Water Conductivity	226
⟨651⟩ Congealing Temperature	229
⟨659⟩ Packaging and Storage Requirements	230
⟨660⟩ Containers—Glass	234
⟨661⟩ Containers—Plastics	241
⟨670⟩ Auxiliary Packaging Components	247
⟨671⟩ Containers—Performance Testing	249
⟨695⟩ Crystallinity	256
⟨698⟩ Deliverable Volume	257
⟨699⟩ Density of Solids	259
⟨701⟩ Disintegration	261
⟨705⟩ Quality Attributes of Tablets Labeled as Having a Functional Score	263
⟨711⟩ Dissolution	264
⟨721⟩ Distilling Range	274
⟨730⟩ Plasma Spectrochemistry	282
⟨731⟩ Loss on Drying	282
⟨733⟩ Loss on Ignition	283
⟨735⟩ X-Ray Fluorescence Spectrometry	283
⟨736⟩ Mass Spectrometry	288
⟨741⟩ Melting Range or Temperature	294
⟨755⟩ Minimum Fill	296
⟨761⟩ Nuclear Magnetic Resonance Spectroscopy	296
⟨776⟩ Optical Microscopy	305
⟨781⟩ Optical Rotation	307
⟨786⟩ Particle Size Distribution Estimation by Analytical Sieving	309
⟨791⟩ pH	313
⟨801⟩ Polarography	316
⟨811⟩ Powder Fineness	320
⟨831⟩ Refractive Index	321
⟨841⟩ Specific Gravity	321

⟨846⟩ Specific Surface Area	322
⟨851⟩ Spectrophotometry and Light-Scattering	326
⟨852⟩ Atomic Absorption Spectroscopy	333
⟨853⟩ Fluorescence Spectroscopy	337
⟨854⟩ Mid-Infrared Spectroscopy	343
⟨857⟩ Ultraviolet-Visible Spectroscopy	347
⟨891⟩ Thermal Analysis	354
⟨905⟩ Uniformity of Dosage Units	357
⟨911⟩ Viscosity—Capillary Methods	361
⟨921⟩ Water Determination	363
⟨941⟩ Characterization of Crystalline and Partially Crystalline Solids by X-ray Powder Diffraction (XRPD)	367
General Information Chapters	
⟨1005⟩ Acoustic Emission	374
⟨1010⟩ Analytical Data—Interpretation and Treatment	378
⟨1032⟩ Design and Development of Biological Assays	392
⟨1033⟩ Biological Assay Validation	410
⟨1034⟩ Analysis of Biological Assays	424
⟨1051⟩ Cleaning Glass Apparatus	437
⟨1052⟩ Biotechnology-Derived Articles—Amino Acid Analysis	438
⟨1053⟩ Capillary Electrophoresis	450
⟨1054⟩ Biotechnology-Derived Articles—Isoelectric Focusing	457
⟨1055⟩ Biotechnology-Derived Articles—Peptide Mapping	460
⟨1056⟩ Biotechnology-Derived Articles—Polyacrylamide Gel Electrophoresis	466
⟨1057⟩ Biotechnology-Derived Articles—Total Protein Assay	473
⟨1058⟩ Analytical Instrument Qualification	477
⟨1061⟩ Color—Instrumental Measurement	483
⟨1064⟩ Identification of Articles of Botanical Origin by High-Performance Thin-Layer Chromatography Procedure	486
⟨1065⟩ Ion Chromatography	495
⟨1080⟩ Bulk Pharmaceutical Excipients—Certificate of Analysis	498
⟨1086⟩ Impurities in Drug Substances and Drug Products	505
⟨1092⟩ The Dissolution Procedure: Development and Validation	508
⟨1094⟩ Capsules—Dissolution Testing and Related Quality Attributes	515
⟨1097⟩ Bulk Powder Sampling Procedures	523
⟨1113⟩ Microbial Characterization, Identification, and Strain Typing	536
⟨1115⟩ Bioburden Control of Nonsterile Drug Substances and Products	541
⟨1117⟩ Microbiological Best Laboratory Practices	548
⟨1118⟩ Monitoring Devices—Time, Temperature, and Humidity	554
⟨1119⟩ Near-Infrared Spectroscopy	560
⟨1120⟩ Raman Spectroscopy	566
⟨1121⟩ Nomenclature	574
⟨1128⟩ Nucleic Acid-Based Techniques—Microarray	576
⟨1171⟩ Phase-Solubility Analysis	582
⟨1174⟩ Powder Flow	584
⟨1177⟩ Good Packaging Practices	589
⟨1178⟩ Good Repackaging Practices	591
⟨1181⟩ Scanning Electron Microscopy	593
⟨1191⟩ Stability Considerations in Dispensing Practice	602
⟨1195⟩ Significant Change Guide for Bulk Pharmaceutical Excipients	606
⟨1216⟩ Tablet Friability	618
⟨1217⟩ Tablet Breaking Force	619
⟨1223⟩ Validation of Alternative Microbiological Methods	622
⟨1224⟩ Transfer of Analytical Procedures	626
⟨1225⟩ Validation of Compendial Procedures	628
⟨1226⟩ Verification of Compendial Procedures	633

⟨1227⟩ Validation of Microbial Recovery from Pharmacopeial Articles	634
⟨1229.3⟩ Monitoring of Bioburden	638
⟨1230⟩ Water for Hemodialysis Applications	642
⟨1231⟩ Water for Pharmaceutical Purposes	643
⟨1241⟩ Water-Solid Interactions in Pharmaceutical Systems	668
⟨1251⟩ Weighing on an Analytical Balance	672
⟨1660⟩ Evaluation of the Inner Surface Durability of Glass Containers	677
⟨1663⟩ Assessment of Extractables Associated with Pharmaceutical Packaging/Delivery Systems	683
⟨1664⟩ Assessment of Drug Product Leachables Associated with Pharmaceutical Packaging/Delivery Systems	698
⟨1736⟩ Applications of Mass Spectrometry	710
⟨1761⟩ Applications of Nuclear Magnetic Resonance Spectroscopy	732
⟨1852⟩ Atomic Absorption Spectroscopy—Theory and Practice	752
⟨1853⟩ Fluorescence Spectroscopy—Theory and Practice	761
⟨1854⟩ Mid-Infrared Spectroscopy—Theory and Practice	771
⟨1857⟩ Ultraviolet-Visible Spectroscopy—Theory and Practice	780
Dietary Supplements General Information Chapters	
⟨2021⟩ Microbial Enumeration Tests—Nutritional and Dietary Supplements	789
⟨2022⟩ Microbiological Procedures for Absence of Specified Microorganisms—Nutritional and Dietary Supplements	794
⟨2023⟩ Microbiological Attributes of Nonsterile Nutritional and Dietary Supplements	800
⟨2030⟩ Supplemental Information for Articles of Botanical Origin	803
⟨2040⟩ Disintegration and Dissolution of Dietary Supplements	812
⟨2091⟩ Weight Variation of Dietary Supplements	820
⟨2232⟩ Elemental Contaminants in Dietary Supplements	821
⟨2250⟩ Detection Of Irradiated Dietary Supplements	824
⟨2750⟩ Manufacturing Practices for Dietary Supplements	827

USP–NF Dietary Supplement Monographs

This section contains official monographs that are provided as a consolidated source of specifications for those articles with potential use as dietary supplements, dietary ingredients or as other components of dietary supplements found in the U.S. market. The monographs in this section are derived from monographs contained in the *USP*, including monographs found in the Dietary Supplements section of the *USP*. The presence of a monograph for an article in this compendium does not represent endorsement by USP that the article is in fact a dietary ingredient or a dietary supplement. Dietary supplements and dietary ingredients marketed in the United States must comply with current U.S. laws and regulations, some of which are provided in the Dietary Supplements Regulatory Framework section.

N-Acetylglucosamine	853	Banaba Leaf Dry Extract	903
Acetylcysteine	854	Banaba Leaf Powder	904
N-Acetyltyrosine	855	Beta Carotene	906
Ademetionine Disulfate Tosylate <i>see</i> S-Adenosyl-L-		Beta Carotene Capsules	907
methionine Disulfate Tosylate	855	Beta Carotene Preparation	909
Adenine	855	Beta Glucan	910
Adenosine	856	Powdered Bilberry Extract	913
Agar	857	Biotin	915
Alanine	858	Biotin Capsules	916
L-Alanyl-L-glutamine	859	Biotin Tablets	917
Aloe	861	Black Cohosh	917
American Ginseng	862	Black Cohosh Fluidextract	919
Powdered American Ginseng	864	Powdered Black Cohosh	921
Powdered American Ginseng Extract	865	Powdered Black Cohosh Extract	923
American Ginseng Capsules	866	Black Cohosh Tablets	925
American Ginseng Tablets	869	Black Pepper	927
Ammonium Molybdate	870	Powdered Black Pepper	929
Andrographis	871	Powdered Black Pepper Extract	931
Powdered Andrographis	873	Borage Seed Oil	932
Powdered Andrographis Extract	874	Borage Seed Oil Capsules	933
Arginine	876	<i>Boswellia serrata</i>	934
Arginine Hydrochloride	877	<i>Boswellia serrata</i> Extract	936
Arginine Capsules	878	Caffeine	937
Arginine Tablets	878	Calcifediol	938
Ascorbic Acid	879	Calcifediol Capsules	938
Ascorbic Acid Oral Solution	880	Calcium Acetate	939
Ascorbic Acid Tablets	880	Calcium Acetate Tablets	941
Ashwagandha Root	881	Calcium Ascorbate	942
Powdered Ashwagandha Root	883	Calcium Carbonate	943
Powdered Ashwagandha Root Extract	885	Calcium Carbonate Lozenges	944
Asian Ginseng	886	Calcium Carbonate Oral Suspension	945
Powdered Asian Ginseng	888	Calcium Carbonate Tablets	946
Asian Ginseng, Powdered Extract	889	Calcium Carbonate and Magnesia Tablets	947
Asian Ginseng Tablets	890	Calcium and Magnesium Carbonates Oral Suspension	948
Aspartic Acid	891	Calcium and Magnesium Carbonates Tablets	948
Astaxanthin Esters	892	Calcium Chloride	949
Aztec Marigold Zeaxanthin Extract	894	Calcium Citrate	950
Bacopa	896	Calcium Citrate Tablets	951
Powdered Bacopa	898	Calcium Glubionate Syrup	952
Powdered Bacopa Extract	899	Calcium Gluceptate	952
Banaba Leaf	901	Calcium Gluconate	953

Calcium Gluconate Tablets	956	Chromium Picolinate	1031
Calcium Glycerophosphate	957	Chromium Picolinate Tablets	1032
Calcium L-5-Methyltetrahydrofolate	958	Cod Liver Oil	1033
Calcium L-5-Methyltetrahydrofolate Capsules	961	Cod Liver Oil Capsules	1035
Calcium L-5-Methyltetrahydrofolate Tablets	962	Copper Gluconate	1038
Calcium Lactate	963	CoQ ₁₀ , <i>see</i> Ubidecarenone	1445
Calcium Lactate Tablets	964	Cranberry Liquid Preparation	1039
Calcium Lactobionate	965	<i>Cryptocodinium cohnii</i> Oil	1041
Calcium Levulinate	966	<i>Cryptocodinium cohnii</i> Oil Capsules	1043
Calcium Pantothenate	966	Cupric Chloride	1046
Calcium Pantothenate Tablets	967	Cupric Sulfate	1047
Calcium Pantothenate, Racemic	968	Curcuminoids	1048
Calcium Phosphate, Dibasic Tablets	969	Curcuminoids Capsules	1049
Calcium Phosphate Anhydrous, Dibasic	970	Curcuminoids Tablets	1050
Calcium Phosphate Dihydrate, Dibasic	971	Cyanocobalamin	1052
Calcium Saccharate	973	Cyanocobalamin Tablets	1053
Calcium with Vitamin D Tablets	973	Cysteine Hydrochloride	1053
Calcium and Vitamin D with Minerals Tablets	975	Cystine	1054
Capsaicin	978	Dehydrocholic Acid	1055
Capsicum	979	Dehydrocholic Acid Tablets	1056
Capsicum Oleoresin	981	Dexpanthenol	1056
Capsicum Tincture	983	Dexpanthenol Preparation	1057
Cascara Sagrada	985	DHA Algal Oil, <i>see Cryptocodinium cohnii</i> Oil; <i>see</i> Schizochytrium Oil	1041, 1392
Cascara Sagrada Extract	986	Diosmin	1058
Cascara Sagrada Fluidextract	988	<i>Echinacea angustifolia</i>	1059
Cascara, Aromatic Fluidextract	988	<i>Echinacea angustifolia</i> , Powdered	1062
Cascara Tablets	988	<i>Echinacea angustifolia</i> , Powdered Extract	1065
Castor Oil	990	<i>Echinacea pallida</i>	1068
Castor Oil, Aromatic	990	<i>Echinacea pallida</i> , Powdered	1070
Castor Oil Capsules	991	<i>Echinacea pallida</i> , Powdered Extract	1072
Castor Oil Emulsion	992	<i>Echinacea purpurea</i> , Powdered	1075
Cat's Claw	992	<i>Echinacea purpurea</i> , Powdered Extract	1077
Cat's Claw, Powdered	994	<i>Echinacea purpurea</i> Aerial Parts	1080
Cat's Claw, Powdered Extract	996	<i>Echinacea purpurea</i> Root	1082
Cat's Claw Capsules	997	Eleuthero	1085
Cat's Claw Tablets	998	Eleuthero, Powdered	1086
<i>Centella asiatica</i>	1000	Eleuthero, Powdered Extract	1088
<i>Centella asiatica</i> , Powdered	1002	Elm	1089
<i>Centella asiatica</i> , Powdered Extract	1003	Ergocalciferol	1090
<i>Centella asiatica</i> Triterpenes	1005	Ergocalciferol Capsules	1091
Chamomile	1006	Ergocalciferol Oral Solution	1092
Charcoal, Activated	1008	Ergocalciferol Tablets	1093
Chaste Tree	1009	Eucalyptol	1094
Chaste Tree, Powdered	1011	Eugenol	1094
Chaste Tree, Powdered Extract	1013	Evening Primrose Oil	1095
Chinese Salvia	1014	Ferrous Fumarate	1095
Chinese Salvia, Powdered	1017	Ferrous Fumarate Tablets	1097
Chlorophyllin Copper Complex Sodium	1019	Ferrous Gluconate	1098
Cholecalciferol	1020	Ferrous Gluconate Capsules	1100
Cholecalciferol Capsules	1021	Ferrous Gluconate Oral Solution	1101
Cholecalciferol Solution	1022	Ferrous Gluconate Tablets	1101
Choline Bitartrate	1023	Ferrous Sulfate	1102
Choline Chloride	1025	Ferrous Sulfate Oral Solution	1104
Chondroitin Sulfate Sodium	1026	Ferrous Sulfate Syrup	1104
Chondroitin Sulfate Sodium Tablets	1029	Ferrous Sulfate Tablets	1105
Chromic Chloride	1030		

Ferrous Sulfate, Dried	1105	Green Tea Extract, Decaffeinated Powdered	1185
Feverfew	1107	Guggul	1187
Feverfew, Powdered	1108	Guggul, Native Extract	1189
Fish Oil containing Omega-3 Acids	1109	Guggul, Purified Extract	1190
Fish Oil containing Omega-3 Acids Capsules	1112	Guggul Tablets	1191
Fish Oil containing Omega-3 Acids Delayed-Release Capsules	1115	Gymnema	1192
Flax Seed Oil	1116	Gymnema, Native Extract	1194
Flax Seed Oil Capsules	1116	Gymnema, Powdered	1195
Folic Acid	1118	Gymnema, Purified Extract	1197
Folic Acid Tablets	1119	Hawthorn Leaf with Flower	1198
Forskohlii	1119	Hawthorn Leaf with Flower, Powdered	1200
Forskohlii, Powdered	1121	Histidine	1202
Forskohlii, Powdered Extract	1122	Holy Basil Leaf	1203
Ganoderma Lucidum Fruiting Body	1124	Holy Basil Leaf, Powdered	1205
Ganoderma Lucidum Fruiting Body Powder	1127	Holy Basil Leaf, Powdered Extract	1207
<i>Garcinia cambogia</i>	1131	Horse Chestnut	1209
<i>Garcinia cambogia</i> , Powdered	1132	Horse Chestnut, Powdered	1210
<i>Garcinia</i> Hydroxycitrate, Powdered Extract	1133	Horse Chestnut, Powdered Extract	1211
<i>Garcinia indica</i>	1135	Hydroxocobalamin	1213
<i>Garcinia indica</i> , Powdered	1136	Iodine	1214
Garlic	1138	Iron, Carbonyl	1215
Garlic, Powdered	1140	Isoleucine	1215
Garlic, Powdered Extract	1142	Krill Oil	1216
Garlic Fluidextract	1143	Krill Oil Capsules	1219
Garlic Delayed-Release Tablets	1144	Krill Oil Delayed-Release Capsules	1222
Ginger	1146	Lactase	1225
Ginger, Powdered	1148	Leucine	1226
Ginger Capsules	1150	Levocarnitine	1226
Ginger Tincture	1152	Levocarnitine Oral Solution	1228
Ginkgo	1153	Levocarnitine Tablets	1228
Ginkgo, Powdered Extract	1156	Licorice	1229
Ginkgo Capsules	1159	Licorice, Powdered	1230
Ginkgo Tablets	1161	Licorice, Powdered Extract	1231
Ginseng, <i>see</i> American Ginseng; <i>see</i> Asian Ginseng; <i>see</i> Eleuthero	862, 886, 1085	Licorice Fluidextract	1232
Glucosamine and Chondroitin Sulfate Sodium Tablets	1163	Limestone, Ground	1232
Glucosamine Hydrochloride	1165	Lipoic Acid, Alpha	1233
Glucosamine Tablets	1165	Lipoic Acid, Alpha Capsules	1234
Glucosamine Sulfate Potassium Chloride	1166	Lipoic Acid, Alpha Tablets	1235
Glucosamine Sulfate Sodium Chloride	1167	Lutein	1236
Glucosamine and Methylsulfonylmethane Tablets	1168	Lutein Capsules	1237
Glucosamine, Chondroitin Sulfate Sodium, and Methylsulfonylmethane Tablets	1170	Lutein Preparation	1238
Glutamic Acid	1172	Lycopene	1239
Glutamine	1173	Lycopene Preparation	1240
Glutathione	1174	Lycopene, Tomato Extract Containing	1242
Glycerin	1175	Lysine Acetate	1244
Glycine	1176	Lysine Hydrochloride	1245
Glycyl-L-glutamine	1177	Lysine Hydrochloride Tablets	1246
Glycyl-L-tyrosine	1179	Magnesia Tablets	1247
Goldenseal	1180	Magnesium Carbonate	1247
Goldenseal, Powdered	1181	Magnesium Chloride	1248
Goldenseal, Powdered Extract	1182	Magnesium Citrate	1249
Grape Seeds Oligomeric Proanthocyanidins	1183	Magnesium Gluconate	1250
		Magnesium Gluconate Tablets	1251
		Magnesium Oxide	1252
		Magnesium Oxide Capsules	1253
		Magnesium Oxide Tablets	1254

Magnesium Phosphate	1254	Potassium Bitartrate	1329
Magnesium Sulfate	1255	Potassium Carbonate	1330
Malabar-Nut-Tree, Leaf	1257	Potassium Chloride	1330
Malabar-Nut-Tree, Leaf Powdered	1258	Potassium Chloride Oral Solution	1331
Malabar-Nut-Tree, Leaf Powdered Extract	1259	Potassium Citrate	1331
Manganese Chloride	1260	Potassium Citrate Tablets	1332
Manganese Gluconate	1261	Potassium Gluconate	1333
Manganese Sulfate	1262	Potassium Gluconate Oral Solution	1334
Maritime Pine	1263	Potassium Gluconate Tablets	1335
Maritime Pine Extract	1264	Potassium Iodide	1335
Melatonin	1266	Potassium Nitrate	1336
Melatonin Tablets	1267	Potassium Nitrate Solution	1337
Menaquinone-7	1268	Potassium Phosphate, Dibasic	1337
Menaquinone-7 Capsules	1270	Proline	1339
Menaquinone-7 Preparation	1271	Psyllium Hemicellulose	1339
Menaquinone-7 Tablets	1273	Psyllium Husk	1341
<i>Bacillus subtilis</i> subsp. <i>subtilis</i> Menaquinone-7 Extract	1274	Psyllium Hydrophilic Mucilloid for Oral Suspension	1343
Menthol	1275	Pygeum	1343
Menthol Lozenges	1276	Pygeum Extract	1344
Methionine	1277	Pygeum Capsules	1346
Methylcobalamin	1278	Pyridoxine Hydrochloride	1347
Methylsulfonylmethane	1279	Pyridoxine Hydrochloride Tablets	1348
Methylsulfonylmethane Tablets	1280	Quercetin	1349
Milk Thistle	1280	Red Clover	1350
Milk Thistle, Powdered	1282	Red Clover, Powdered	1353
Milk Thistle, Powdered Extract	1284	Red Clover, Powdered Extract	1355
Milk Thistle Capsules	1285	Red Clover Tablets	1357
Milk Thistle Tablets	1287	Riboflavin	1359
Minerals Capsules	1288	Riboflavin Tablets	1360
Minerals Tablets	1296	Riboflavin 5'-Phosphate Sodium	1360
MSM, <i>see</i> Methylsulfonylmethane	1279	<i>Rhodiola rosea</i>	1362
Myrrh	1304	<i>Rhodiola rosea</i> Tincture	1364
Nettle, Stinging, <i>see</i> Stinging Nettle	1420	<i>Rhodiola rosea</i> , Powdered	1365
Niacin	1305	<i>Rhodiola rosea</i> Powdered Extract	1367
Niacin Tablets	1306	Rosemary	1369
Niacin Extended-Release Tablets	1307	Rosemary Leaf Dry Aqueous Extract	1370
Niacinamide	1310	Rosemary, Powdered	1372
Niacinamide Tablets	1310	Rutin	1374
Oatmeal, Colloidal	1311	S-Adenosyl-L-methionine Disulfate Tosylate	1375
Oleovitamin A and D	1312	Safflower Oil	1376
Oleovitamin A and D Capsules	1312	St. John's Wort	1377
Omega-3 Acid Triglycerides	1312	St. John's Wort, Powdered	1379
Pancreatin	1315	St. John's Wort, Powdered Extract	1381
Pancreatin Tablets	1317	SAME, <i>see</i> S-Adenosyl-L-methionine Disulfate Tosylate	1375
Panthenol	1318	Saw Palmetto	1383
Papain	1318	Saw Palmetto, Powdered	1385
Pectin	1319	Saw Palmetto Extract	1387
Peppermint Spirit	1322	Saw Palmetto Capsules	1390
Phenylalanine	1322	Schizochytrium Oil	1392
<i>Phyllanthus amarus</i>	1323	Schizochytrium Oil Capsules	1395
<i>Phyllanthus amarus</i> , Powdered	1324	Selenious Acid	1397
Phytonadione	1326	Selenomethionine	1398
Phytonadione Tablets	1327	Senna Leaf	1399
Plantago Seed	1327	Senna Fluidextract	1401
Potassium Acetate	1328	Senna Pods	1401
Potassium Bicarbonate	1329		

Senna Oral Solution	1402	Vitamin B2, <i>see</i> Riboflavin	1359
Sennosides	1402	Vitamin B3, <i>see</i> Niacin	1305
Sennosides Tablets	1403	Vitamin B6 Tablets, <i>see</i> Pyridoxine Hydrochloride Tablets	1348
Serine	1404	Vitamin B7, <i>see</i> Biotin	915
Siberian Ginseng, <i>see</i> Eleuthero	1085	Vitamin B12, <i>see</i> Cyanocobalamin	1052
Slippery Elm, <i>see</i> Elm	1089	Vitamin C Tablets, <i>see</i> Ascorbic Acid Tablets	880
Sodium Ascorbate	1405	Vitamin D2, <i>see</i> Ergocalciferol	1090
Sodium Bicarbonate	1405	Vitamin D3, <i>see</i> Cholecalciferol	1020
Sodium Chloride	1409	Vitamin E	1462
Sodium Citrate	1411	Vitamin E Preparation	1464
Sodium Fluoride	1412	Vitamin E Capsules	1466
Sodium Fluoride Tablets	1412	Vitamin E Polyethylene Glycol Succinate	1468
Sodium Gluconate	1413	Vitamin K1, <i>see</i> Phytonadione	1326
Sodium Iodide	1414	Vitamin K2, <i>see</i> Menaquinone-7	1268
Sodium Phosphate, Dibasic	1414	Vitamins, Oil-Soluble Capsules	1469
Soy Isoflavones, Powdered Extract	1415	Vitamins, Oil-Soluble Tablets	1476
Soy Isoflavones Capsules	1417	Vitamins, Oil-Soluble Oral Solution	1483
Soy Isoflavones Tablets	1419	Vitamins, Oil-Soluble with Minerals Capsules	1486
Stinging Nettle	1420	Vitamins, Oil-Soluble with Minerals Oral Solution	1497
Stinging Nettle, Powdered	1422	Vitamins, Oil-Soluble with Minerals Tablets	1503
Stinging Nettle, Powdered Extract	1424	Vitamins, Oil- and Water-Soluble Capsules	1514
Taurine	1426	Vitamins, Oil- and Water-Soluble Oral Solution	1534
Thiamine Hydrochloride	1427	Vitamins, Oil- and Water-Soluble Tablets	1543
Thiamine Hydrochloride Oral Solution	1428	Vitamins, Oil- and Water-Soluble with Minerals Capsules	1562
Thiamine Hydrochloride Tablets	1428	Vitamins, Oil- and Water-Soluble with Minerals Oral Solution	1589
Thiamine Mononitrate	1429	Vitamins, Oil- and Water-Soluble with Minerals Tablets	1603
Thiamine Mononitrate Oral Solution	1430	Vitamins, Water-Soluble Capsules	1630
Threonine	1431	Vitamins, Water-Soluble Tablets	1643
Tienchi Ginseng Root and Rhizome	1432	Vitamins, Water-Soluble with Minerals Capsules	1655
Tienchi Ginseng Root and Rhizome Dry Extract	1434	Vitamins, Water-Soluble with Minerals Oral Solution	1676
Tienchi Ginseng Root and Rhizome Powder	1436	Vitamins, Water-Soluble with Minerals Tablets	1685
Tomato Extract Containing Lycopene, <i>see</i> Lycopene, Tomato Extract Containing	1242	Wheat Bran	1704
Trypsin, Crystallized	1438	<i>meso</i> -Zeaxanthin	1706
Tryptophan	1439	<i>meso</i> -Zeaxanthin Preparation	1707
Turmeric	1441	Zinc Acetate	1709
Turmeric, Powdered	1442	Zinc Acetate Oral Solution	1710
Turmeric, Powdered Extract	1443	Zinc Carbonate	1710
Tyrosine	1445	Zinc Chloride	1711
Ubidecarenone	1445	Zinc Citrate	1711
Ubidecarenone Capsules	1446	Zinc Citrate Tablets	1712
Ubidecarenone Tablets	1448	Zinc and Vitamin C Lozenges	1714
Valerian	1449	Zinc Gluconate	1715
Valerian Tincture	1450	Zinc Gluconate Tablets	1717
Valerian, Powdered	1452	Zinc Oxide	1718
Valerian, Powdered Extract	1454	Zinc Oxide Neutral	1719
Valerian Tablets	1455	Zinc Stearate	1720
Valine	1456	Zinc Sulfate	1721
Vinpocetine	1457	Zinc Sulfate Oral Solution	1721
Vinpocetine Capsules	1458	Zinc Sulfate Tablets	1722
Vinpocetine Tablets	1459		
Vitamin A	1460		
Vitamin A Capsules	1461		
Vitamin A Oral Liquid Preparation	1461		
Vitamin B1, <i>see</i> Thiamine Hydrochloride	1427		

USP–NF Excipient Monographs

This section contains official monographs that are provided as a source of specifications for those articles with potential use as components of dietary supplements found in the U.S. market. The monographs in this section are derived from monographs contained in the *National Formulary (NF)*. A table of excipients and their functionality is included as a guide in the selection of other components of dietary supplements.

The *USP and NF Excipients, Listed by Category* on pages 1725-1735 is provided for informational purposes only and is not an endorsement by USP as to the actual and appropriate use of an excipient in a dietary supplement. Manufacturers are responsible for evaluating the appropriateness or use of an excipient in a dietary supplement dosage form.

<i>USP and NF Excipients, Listed by Category</i>	1725	Carboxymethylcellulose Sodium	1775
Acacia	1737	Cardamom Oil	1775
Acesulfame Potassium	1737	Cardamom Seed	1775
Acetic Acid	1739	Carrageenan	1776
Acetone	1739	Cellulose, Microcrystalline	1777
Adipic Acid	1740	Cellulose, Powdered	1778
Agar	1741	Chitosan	1779
Alcohol	1742	Chocolate	1783
Alginic Acid	1743	Clove Oil	1784
Ammonia Solution, Strong	1744	Cocoa Butter	1784
Ammonium Carbonate	1745	Coconut Oil	1785
Ammonium Glycyrrhizate	1745	Coconut Oil, Hydrogenated	1786
Ammonium Phosphate	1747	Coriander Oil	1787
Ammonium Sulfate	1747	Corn Oil	1787
Anethole	1748	Corn Syrup	1787
Anise Oil	1748	Corn Syrup, High Fructose	1791
Ascorbyl Palmitate	1749	Cottonseed Oil	1794
Asparagine	1749	Creatinine	1795
Aspartame	1750	Crospovidone	1795
Aspartame Acesulfame	1751	Cyclodextrin, Gamma	1797
Behenoyl Polyoxylglycerides	1753	Desoxycholic Acid	1798
Bentonite	1754	Dextrin	1799
Benzaldehyde	1755	Diethyl Sebacate	1800
Benzyl Alcohol	1756	Egg Phospholipids	1801
Benzyl Benzoate	1758	Ethanol, <i>see</i> Alcohol	1742
Butyl Alcohol	1759	Erythorbic Acid	1802
Butyl Palmitostearate	1760	Erythritol	1803
Butyl Stearate	1761	Ethyl Acetate	1804
Butylated Hydroxyanisole	1762	Ethyl Maltol	1805
Butylated Hydroxytoluene	1762	Ethyl Oleate	1806
Butylene Glycol	1763	Ethyl Vanillin	1806
Calcium Phosphate, Tribasic	1765	Ethylcellulose	1806
Calcium Propionate	1767	Fennel Oil	1808
Calcium Silicate	1768	Fumaric Acid	1808
Calcium Stearate	1770	Galageenan	1809
Calcium Sulfate	1771	Gelatin	1810
Candelilla Wax	1772	L-Glutamic Acid, Hydrochloride	1812
Canola Oil	1772	Glyceryl Dibehenate	1812
Caprylic Acid	1773	Glyceryl Monooleate	1813
Caramel	1774	Glyceryl Monostearate	1815
Caraway	1774	Glyceryl Tristearate	1816
Caraway Oil	1774	Guar Gum	1818

Honey, Purified	1819	Potassium Metabisulfite	1884
Hydrochloric Acid	1820	Potassium Sorbate	1885
Hydroxypropyl Cellulose	1820	Povidone	1885
Invert Sugar	1822	Propane	1888
Lactalbumin, Alpha-	1826	Propanediol	1889
Lactitol	1830	Propionic Acid	1891
Lactose, Anhydrous	1831	Propyl Gallate	1892
Lactose, Monohydrate	1832	Propylene Glycol Alginate	1892
Lauric Acid	1833	Propylene Glycol Dicaprylate/Dicaprate	1893
Lecithin	1834	Propylene Glycol Monocaprylate	1894
Lemon Oil	1836	Propylparaben	1895
Magnesium Silicate	1837	Pullulan	1896
Magnesium Stearate	1838	Rapeseed Oil, Fully Hydrogenated	1897
Malic Acid	1841	Rapeseed Oil, Superglycerinated Fully Hydrogenated	1898
Maltitol	1842	Saccharin	1899
Maltitol Solution	1843	Silicon Dioxide	1901
Maltodextrin	1845	Sodium Alginate	1902
Maltol	1847	Sodium Benzoate	1902
Methanol, <i>see</i> Methyl Alcohol	1847	Sodium Borate	1903
Methyl Alcohol	1847	Sodium Carbonate	1903
Methyl Salicylate	1848	Sodium Dehydroacetate	1904
Methylparaben	1849	Sodium Hydroxide	1904
Methylpyrrolidone	1850	Sodium Lauryl Sulfate	1905
Monoglyceride Citrate	1851	Sodium Metabisulfite	1906
Mono- and Di-glycerides	1852	Sodium Phosphate, Tribasic	1906
Monosodium Glutamate	1853	Sodium Propionate	1907
Myristic Acid	1853	Sodium Stearyl Fumarate	1908
Myristyl Alcohol	1854	Sodium Sulfite	1909
Neotame	1855	Sodium Tartrate	1910
Nitrogen	1857	Sorbic Acid	1910
Oleic Acid	1857	Sorbitol	1911
Olive Oil	1858	Stannous Chloride	1912
Orange Oil	1859	Starch, Pregelatinized Hydroxypropyl Corn	1913
Palm Kernel Oil	1859	Starch, Modified	1915
Palm Oil	1861	Starch, Pregelatinized Hydroxypropyl Pea	1916
Palm Oil, Hydrogenated	1861	Starch, Pregelatinized Hydroxypropyl Potato	1918
Palmitic Acid	1862	Stearic Acid	1920
Paraffin, Synthetic	1863	Succinic Acid	1922
Peanut Oil	1863	Sucralose	1922
Peppermint	1864	Sucrose	1924
Peppermint Oil	1864	Sulfur Dioxide	1925
Peppermint Water	1865	Sulfuric Acid	1926
Phosphoric Acid	1865	Sunflower Oil	1926
Poloxamer	1866	Tagatose	1928
Polydextrose	1868	Tartaric Acid	1928
Polyethylene Glycol	1870	Tragacanth	1929
Polyglyceryl Dioleate	1873	Trehalose	1929
Polyoxyl Stearate	1875	Triethyl Citrate	1931
Polysorbate 20	1876	Vanillin	1931
Polysorbate 60	1877	Wax, Carnauba	1932
Polysorbate 80	1878	Wax, Yellow	1932
Polyvinyl Acetate	1880	Xylitol	1933
Potassium Alginate	1882	Zein	1934
Potassium Benzoate	1883		
Potassium Hydroxide	1884		

FCC General Provisions

The General Provisions of the *Food Chemicals Codex (FCC)* provide guidelines for the interpretation and application of the monographs and general tests and assays in the *FCC*. To assist the dietary supplement manufacturer, the *USP Dietary Supplements Compendium* includes the General Provisions verbatim from the *FCC, Eighth Edition*, for use with the *FCC* monographs.

General Provisions of the *Food Chemicals Codex* 1939

FCC Monographs

This section contains selected *Food Chemicals Codex (FCC)* monographs for food ingredients that may be of use in the preparation of dietary supplements. The *FCC* is an internationally-recognized compendium of standards for food-grade substances. Articles meeting *FCC* requirements may be appropriate for use in dietary supplement products.

<i>N</i> -Acetyl-L-Methionine	1951	Cinnamon Leaf Oil	2016
5'-Adenylic Acid	1952	Clary Oil	2017
DL-Alanine	1955	Clove Leaf Oil	2018
Alginate-Konjac-Xanthan Polysaccharide Complex	1956	Clove Oil	2019
(-)- α -Bisabolol	1958	Clove Stem Oil	2020
Ammonium Alginate	1959	Coriander Oil	2021
Ammonium Citrate, Tribasic	1959	Costus Root Oil	2022
Ammonium Polyphosphate	1960	Cubeb Oil	2023
Ammonium Salts of Phosphatidic Acid	1960	Cumin Oil	2024
Angelica Root Oil	1964	Curdian	2025
Angelica Seed Oil	1965	Cyclodextrin, alpha-	2026
Annatto Extracts	1966	Cytidylic Acid, 5'-	2028
ARA from Fungal (<i>Mortierella alpina</i>) Oil	1967	Dammar Gum	2031
Arabinogalactan	1971	DHA from Algal (<i>Ulkenia</i>) Oil	2032
DL-Aspartic Acid	1972	Dill Seed Oil, European Type	2034
Astaxanthin Esters from <i>Haematococcus</i> <i>pluvialis</i>	1973	Dill Seed Oil, Indian Type	2035
<i>Bacillus coagulans</i> GBI-30, 6086	1978	Dillweed Oil, American Type	2036
Balsam Peru Oil	1987	Disodium 5'-Uridylate	2037
Basil Oil, Comoros Type	1988	Enzyme Preparations	2040
Basil Oil, European Type	1989	Ethyl Alcohol	2045
Bay Oil	1990	Eucalyptus Oil	2046
Beeswax, White	1991	Fennel Oil	2047
Beeswax, Yellow	1991	Ferric Ammonium Citrate, Brown	2048
Bergamot Oil, Coldpressed	1992	Ferric Ammonium Citrate, Green	2049
Beta Glucan from Baker's Yeast (<i>Saccharomyces</i> <i>cerevisiae</i>)	1993	Ferric Citrate	2051
Betaine	1996	Ferric Phosphate	2052
Calcium Acid Pyrophosphate	1997	Ferric Pyrophosphate	2054
Calcium Alginate	1998	Ferrous Citrate	2056
Calcium Hydroxide	1999	Ferrous Glycinate	2057
Calcium Lignosulfonate (40-65)	2000	Ferrous Lactate	2058
Calcium Oxide	2004	Garlic Oil	2060
Calcium Pantothenate, Calcium Chloride Double Salt	2005	Gellan Gum	2060
Calcium Phosphate, Monobasic	2006	Ginger Oil	2062
Calcium Pyrophosphate	2007	L-Glutamic Acid Hydrochloride	2062
Canthaxanthin	2008	Gold	2064
Carrot Seed Oil	2008	Grape Skin Extract	2065
Casein and Caseinate Salts	2009	Grapefruit Oil, Coldpressed	2066
Cassia Oil	2011	Hops Oil	2067
Cedar Leaf Oil	2012	Inositol	2068
Celery Seed Oil	2013	Iron, Electrolytic	2069
Chamomile Oil, English Type	2013	Iron, Reduced	2071
Chamomile Oil, German Type	2014	DL-Isoleucine	2073
Cinnamon Bark Oil, Ceylon Type	2015	Isomalt	2074
		Isomaltulose	2076
		Juniper Berries Oil	2077
		Kelp	2078

Konjac Flour	2079	Potassium Alginate	2138
Lactalbumin, Alpha-	2080	Potassium Glycerophosphate	2139
Laurel Leaf Oil	2084	Potassium Iodate	2139
Lavender Oil	2085	Potassium Lactate Solution	2140
Lemon Oil, Desert Type, Cold-pressed	2086	Potassium Phosphate, Dibasic	2142
Lemon Oil, Distilled	2087	Potassium Phosphate, Monobasic	2143
Lemongrass Oil	2088	Potassium Phosphate, Tribasic	2144
DL-Leucine	2089	Potassium Pyrophosphate	2144
Lime Oil, Cold-pressed	2090	Propylene Glycol Mono- and Diesters	2145
Lime Oil, Distilled	2092	Rebaudioside A	2146
Linoleic Acid	2093	Rose Oil	2150
Locust (Carob) Bean Gum	2094	Rosemary Oil	2151
Lovage Oil	2094	Rue Oil	2152
Lycopene from <i>Blakeslea trispora</i>	2095	Sage Oil, Dalmatian Type	2153
Mace Oil	2097	Sage Oil, Spanish Type	2154
Magnesium Ammonium Potassium Chloride, Hydrate	2098	Sandalwood Oil, East Indian Type	2155
Magnesium Phosphate, Dibasic, Mixed Hydrates	2101	Savory Oil (Summer Variety)	2156
Magnesium Phosphate, Dibasic, Trihydrate	2102	Silver	2157
Magnesium Phosphate, Monobasic	2103	Sodium Carboxymethyl Cellulose, Enzymatically Hydrolyzed	2159
Mandarin Oil, Cold-pressed	2103	Sodium Ferric Pyrophosphate	2161
Manganese Citrate	2104	Sodium Fumarate	2163
Manganese Glycerophosphate	2105	Sodium Hyaluronate (from Microbial Fermentation)	2164
Manganese Hypophosphite	2105	Sodium Iron EDTA	2166
Marjoram Oil, Spanish Type	2106	Sodium Molybdate Dihydrate	2169
Marjoram Oil, Sweet	2107	Sodium Polyphosphates, Glassy	2170
Menhaden Oil, Refined	2108	Sodium Potassium Polyphosphates, Glassy	2171
Menthyl Acetate, Racemic	2112	Sodium Pyrophosphate	2172
DL-Methionine	2112	Sodium Selenate Anhydrous	2173
Monk Fruit Extract	2113	Solin Oil	2173
Monoammonium Glycyrrhizinate	2114	Sorbitan Monolaurate	2174
Mustard Oil	2115	Sorbitan Monooleate	2175
Myrrh Oil	2116	Sorbitan Monopalmitate	2176
Neohesperidine Dihydrochalcone	2117	Sorbitan Tristearate	2177
Niacinamide Ascorbate	2119	Soy Protein Concentrate	2178
Nutmeg Oil	2119	Soybean Oil (Unhydrogenated)	2179
Olibanum Oil	2120	Spearmint Oil	2179
Onion Oil	2121	Spike Lavender Oil	2180
Orange Oil, Bitter, Cold-pressed	2122	Spirulina	2181
Orange Oil, Cold-pressed	2123	Stearyl Alcohol	2184
Orange Oil, Distilled	2124	Stearyl Citrate	2186
Origanum Oil, Spanish Type	2125	Steviol Glycosides	2187
Orris Root Oil	2126	Sugar Beet Fiber	2191
Ox Bile Extract	2127	Tangerine Oil, Coldpressed	2193
DL-Panthenol	2128	Tara Gum	2194
Parsley Herb Oil	2129	Tarragon Oil	2195
Parsley Seed Oil	2129	L-Theanine	2196
Peppermint Oil	2130	Thyme Oil	2197
Petitgrain Oil, Paraguay Type	2132	Thymol	2198
DL-Phenylalanine	2133	All-rac- α -Tocopherol	2199
Pimenta Leaf Oil	2134	RRR- α -Tocopherol Concentrate	2200
Pimenta Oil	2135	RRR-Tocopherols Concentrate, Mixed	2202
Pine Needle Oil, Dwarf	2136	All-rac- α -Tocopheryl Acetate	2204
Pine Needle Oil, Scotch Type	2137	RRR- α -Tocopheryl Acetate	2205
Polysorbate 40	2138	RRR- α -Tocopheryl Acetate Concentrate	2206
		Tocopheryl Acid Succinate, RRR- α -	2208

Trisodium Pyrophosphate	2210	Whey, Reduced Minerals	2219
DL-Tryptophan	2210	Wintergreen Oil	2220
Vegetable Oil Phytosterol Esters	2212	Xylose	2221
Whey	2214	Yeast Extract	2222
Whey Protein Concentrate	2215	Yeast, Autolyzed	2223
Whey Protein Isolate	2216	Yeast, Dried	2224
Whey, Reduced Lactose	2217		

Index

A

- Absolute alcohol, 2421
 Absorbent cotton, 2420
 Acacia, 1737
 Acesulfame potassium, 1737
 USP Acesulfame Potassium RS, 1737
 Acetal, 2420
 Acetaldehyde, 2420
 TS, 2491
 Acetanilide, 2420
 Acetate buffer, 2490
 TS, 2491
 Acetate, methyl, 2455
 Acetic acid, 1739, 2420
 ammonium acetate buffer TS, 2492
 diluted, 2420
 diluted, TS, 2491
 double-normal (2 N), 2502
 glacial, 2420
 glacial, TS, 2491
 metaphosphoric, TS, 2497
 strong, TS, 2492
 Acetic anhydride, 2420
 Acetone, 1739, 2420
 USP Acetone RS, 1739
 USP Methyl Alcohol RS, 1739
 Acetone, anhydrous, 2420
 Acetone, buffered, TS, 2492
 Acetone, neutralized, 2420
 Acetonitrile, 2420
 spectrophotometric, 2420
 Acetophenone, 2420
p-Acetotoluidide, 2420
 Acetylacetone, 2420
 Acetyl chloride, 2420
 Acetylcholine chloride, 2420
 Acetylcysteine, 854
 USP Acetylcysteine RS, 854
 USP L-Phenylalanine RS, 854
N-Acetylglucosamine, 853
 USP *N*-Acetylglucosamine RS, 853
 USP Glucosamine Hydrochloride RS, 853
N-Acetyl-L-methionine, 1951
 3-Acetylthio-2-methylpropanoic acid, 2420
N-Acetyltyrosine, 855
 USP *N*-Acetyl-L-tyrosine RS, 855
 USP L-Tyrosine RS, 855
N-Acetyl-L-tyrosine ethyl ester, 2420
 Acid
 acrylic, 2421
 alpha lipoic, 1233
 ferric chloride TS, 2492
 phthalate buffer, 2490
 Acid-neutralizing capacity (301), 103
 Acoustic emission (1005), 374
 Acrylic acid, 2421
 Activated charcoal, 1008
 Adamantane, 2421
 Ademetionine disulfate tosylate
 see *S*-Adenosyl-L-methionine disulfate tosylate, 1375
 Adenine, 855
 USP Adenine RS, 855
 Adenine sulfate, 2421
 Adenosine, 856
 USP Adenine RS, 856
 USP Adenosine RS, 856
 S-Adenosyl-L-methionine disulfate tosylate, 1375
 USP *S*-Adenosyl-L-homocysteine RS, 1375
 USP *S*-Adenosyl-L-methionine Disulfate Tosylate RS, 1375
 5'-Adenylic acid, 1952
 Adipic acid, 1740, 2421
 USP Adipic Acid RS, 1740
 Advisory Board of the USP Dietary Supplements Compendium, vii
 Agar, 857, 1741, 2421
 USP Agar RS, 857, 1741
 Agarose, 2421
 Air-helium certified standard, 2421
 Alanine, 858
 USP L-Alanine RS, 858
 USP Fumaric Acid RS, 858
 USP Maleic Acid RS, 858
 USP Malic Acid RS, 858
 DL-Alanine, 1955
 L-Alanyl-L-glutamine, 859
 USP L-Alanine RS, 859
 USP L-Alanyl-L-alanine RS, 859
 USP L-Alanyl-L-glutamine RS, 859
 USP Glutamine RS, 859
 Albumen TS, 2492
 Albumin bovine serum, 2421
 Alcohol, 1742, 2421
 70 percent, 80 percent, and 90 percent, 2421
 absolute, 2421
 USP Alcohol RS, 1742
 aldehyde-free, 2421
 alpha-(2-(methylamino)ethyl)benzyl, 2422
 tert-amyl, 2424
 butyl, 1759
 dehydrated, 2421
 denaturated, 2421
 denaturated, TS, 2494
 diluted, 2421
 neutralized, 2421
 phenol TS, 2492
 Alcohol determination (611), 206
 Alcoholic
 potassium hydroxide TS 2, 2498
 potassium hydroxide TS, 2492
 TS, 2492
 Alcoholometric table, 2600
 Aldehyde dehydrogenase, 2421
 Alginate-konjac-xanthan polysaccharide complex, 1956
 Alginate potassium, 2138
 Alginates assay (311), 104
 Alginic acid, 1743
 Alizarin complexone, 2422
 Alkaline
 borate buffer, 2490
 cupric citrate TS 2, 2494
 cupric tartrate TS, 2492
 pyrogallol TS, 2499
 Alkylphenoxypolyethoxyethanol, 2422
 Aloe, 861
 USP Aloin RS, 861
 Alpha-chymotrypsin, 2422
 Alpha cyclodextrin hydrate, 2422
 Alpha lipoic acid, 1233
 Alpha-(2-(methylamino)ethyl)benzyl alcohol, 2422
 Alphazurine 2G, 2487
 Alprenolol hydrochloride, 2422
 Alum, 2422
 Alumina
 activated, 2422
 anhydrous, 2422
 Aluminon, 2422
 Aluminum, 2422
 oxide, acid-washed, 2422
 potassium sulfate, 2422
 Aluminum (206), 86
 Amaranth, 2422
 TS, 2492
 American ginseng, 862
 USP Powdered American Ginseng Extract RS, 862
 USP Powdered Asian Ginseng Extract RS, 862
 American ginseng capsules, 866
 USP Powdered American Ginseng Extract RS, 866
 USP Powdered Asian Ginseng Extract RS, 866
 American ginseng extract, powdered, 865
 USP Powdered American Ginseng Extract RS, 865
 USP Powdered Asian Ginseng Extract RS, 865

- American ginseng, powdered, 864
 USP Powdered American Ginseng Extract RS, 864
 USP Powdered Asian Ginseng Extract RS, 864
- American ginseng tablets, 869
 USP Powdered American Ginseng Extract RS, 869
 USP Powdered Asian Ginseng Extract RS, 869
- Aminoacetic acid, 2422
- 4-Aminoantipyrine, 2422
- para*-Aminobenzoic acid, 2461
- 2-Aminobenzonitrile, 2422
- 4-Amino-6-chloro-1,3-benzenedisulfonamide, 2422
- 4-Amino-2-chlorobenzoic acid, 2423
- 2-Amino-5-chlorobenzophenone, 2423
- 7-Aminodesacetoxycephalosporanic acid, 2423
- 1-(2-Aminoethyl)piperazine, 2423
- Aminoguanidine bicarbonate, 2423
- 2-Aminoheptane, 2423
- N*-Aminohexamethyleneimine, 2423
- 4-Amino-3-hydroxy-1-naphthalenesulfonic acid, 2423
- Aminonaphtholsulfonic acid TS, 2492
- Amino nitrogen tests in reagents, 2416
- 2-Aminophenol, 2423
- m*-Aminophenol, 2423
- p*-Aminophenol, 2423
- 3-Amino-1-propanol, 2423
- 3-Aminopropionic acid, 2423
- 3-Aminosalicylic acid, 2423
- Ammonia
 detector tube, 2423
 solution, strong, 1744
 TS, 2492
 water, 2423
- Ammonia-ammonium chloride buffer TS, 2492
- Ammoniacal potassium ferricyanide TS, 2492
- Ammonia-cyanide TS, 2492
- Ammonium
 acetate, 2423
 acetate TS, 2492
 alginate, 1959
 bicarbonate, 2423
 bisulfate, 2423
 bromide, 2423
 carbonate, 1745, 2424
 carbonate TS, 2492
 carbonate TS 2, 2492
 chloride, 2424
 chloride-ammonium hydroxide TS, 2492
 chloride TS, 2492
 citrate, dibasic, 2424
 citrate, tribasic, 1959
 fluoride, 2424
 formate, 2424
 hydroxide, 2424
 hydroxide 6 N, 2424
 magnesium, potassium chloride, hydrate, 2098
 molybdate, 870, 2424
 molybdate TS, 2492
 nitrate, 2424
 nitrate, ceric TS, 2493
 nitrate TS, silver, 2499
 oxalate, 2424
 oxalate TS, 2492
 persulfate, 2424
 phosphate, 1747
 phosphate, dibasic, 2424
 phosphate, dibasic, TS, 2493
 phosphate, monobasic, 2424
 polyphosphate, 1960
 polysulfide TS, 2493
 pyrrolidinedithiocarbamate, 2424
 pyrrolidinedithiocarbamate, saturated, TS, 2493
 reineckate, 2424
 reineckate TS, 2493
 salts of phosphatidic acid, 1960
 sulfamate, 2424
 sulfate, 1747, 2424
 sulfate, cupric TS, 2494
 sulfate, ferric TS, 2495
 sulfide TS, 2493
 thiocyanate, 2424
 thiocyanate, tenth-normal (0.1 N), 2502
 thiocyanate TS, 2493
 vanadate, 2424
 vanadate TS, 2493
- Ammonium glycyrrhizate, 1745
 USP Ammonium Glycyrrhizate RS, 1745
 USP Glycyrrhizic Acid RS, 1745
- Amyl acetate, 2424
- Amyl alcohol, 2424
- α -Amylase, 2424
- tert*-Amyl alcohol, 2424
- Analysis of biological assays (1034), 424
- Analytical Data—Interpretation and Treatment (1010), 378
- Analytical instrument qualification (1058), 477
- Andrographis, 871
 USP Powdered Andrographis Extract RS, 871
 USP Andrographolide RS, 871
- Andrographis extract, powdered, 874
 USP Powdered Andrographis Extract RS, 874
 USP Andrographolide RS, 874
- Andrographis, powdered, 873
 USP Powdered Andrographis Extract RS, 873
 USP Andrographolide RS, 873
- Anethole, 1748
 (*E*)-Anethole, 2424
- Angelica
 root oil, 1964
 seed oil, 1965
- Anhydrous acetone, 2420
- Anhydrous lactose, 1831
- Anhydrous sodium phosphate, monobasic, 2475
- Aniline, 2424
 blue, 2424
 sulfate, 2424
- Anion-exchange resin
 strong, lightly cross-linked, in the chloride form, 2425
 50- to 100-mesh, styrene-divinylbenzene, 2425
 styrene-divinylbenzene, 2425
- p*-Anisaldehyde, 2425
- Anise oil, 1748
- p*-Anisidine, 2425
- Anisole, 2425
- Annatto extracts, 1966
- Anthracene, 2425
- Anthrone, 2425
 TS, 2493
- Anti-D reagent, 2425
- Anti-D (Rh₀) reagent, 2425
- Antifoam reagent, 2426
- Antihuman globulin reagent, 2426
- Antimicrobial agents—content (341), 105
- Antimicrobial effectiveness testing (51), 38
- Antimony
 pentachloride, 2426
 trichloride, 2426
 trichloride TS, 2493
- Antithrombin III, 2426
- Appendix I: Apparatus for tests and assays, 2237
- Appendix II: Physical tests and determinations, 2240
- Appendix III: Chemical tests and determinations, 2281
- Appendix IV: Chewing gum base polymers, 2316
- Appendix V: Enzyme assays, 2320
- Appendix VI: Essential oils and flavors, 2354
- Appendix VII: Fats and related substances, 2359
- Appendix VIII: Oleoresins, 2375
- Appendix IX: Rosins and related substances, 2378
- Appendix X: Carbohydrates (starches, sugars, and related substances), 2381
- Appendix XI: Flavor chemical (other than essential oils), 2392
- Appendix XII: Microbiological tests, 2398
- Appendix XIII: Adulterants and contaminants in food ingredients, 2401
- Appendix XIV: Markers for authenticity testing, 2405

- Appendix XVI: Protein-based ingredients, 2410
- Applications of mass spectrometry (1736), 710
- Applications of nuclear magnetic resonance spectroscopy (1761), 732
- Aprobarbital, 2426
- Arabinogalactan, 1971
- ARA from Fungal (*Mortierella alpina*) Oil, 1967
- Arginine, 876
 USP L-Arginine RS, 876
 USP L-Lysine Hydrochloride RS, 876
- Arginine capsules, 878
 USP Arginine Hydrochloride RS, 878
 USP L-Arginine RS, 878
- Arginine hydrochloride, 877
 USP Arginine Hydrochloride RS, 877
 USP L-Lysine Hydrochloride RS, 877
- Arginine tablets, 878
 USP Arginine Hydrochloride RS, 878
 USP L-Arginine RS, 878
- Aromatic
 castor oil, 990
- Arsenazo III acid, 2426
- Arsenic
 in reagents, 2417
 trioxide, 2426
- Arsenic (211), 86
- Articles of botanical origin (561), 164
- Ascorbic acid, 879
 USP Ascorbic Acid RS, 879
- Ascorbic acid oral solution, 880
- Ascorbic acid tablets, 880
- Ascorbyl palmitate, 1749
 USP Ascorbyl Palmitate RS, 1749
- Ashwagandha root, 881
 USP Powdered Ashwagandha Root Extract RS, 881
 USP Withanolide A RS, 881
 USP Withanoside IV RS, 881
- Ashwagandha root extract, powdered, 885
 USP Powdered Ashwagandha Root Extract RS, 885
 USP Withanolide A RS, 885
 USP Withanoside IV RS, 885
- Ashwagandha root, powdered, 883
 USP Powdered Ashwagandha Root Extract RS, 883
 USP Withanolide A RS, 883
 USP Withanoside IV RS, 883
- Asian ginseng, 886
 USP Powdered Asian Ginseng Extract RS, 886
- Asian ginseng extract, powdered, 889
 USP Powdered Asian Ginseng Extract RS, 889
- Asian ginseng, powdered, 888
 USP Powdered Asian Ginseng Extract RS, 888
- Asian ginseng tablets, 890
 USP Powdered Asian Ginseng Extract RS, 890
- Asparagine, 1749
 USP Asparagine Anhydrous RS, 1749
 USP Asparagine Monohydrate RS, 1749
- L-Asparagine, 2426
- Aspartame, 1750
 USP Aspartame Related Compound A RS, 1750
 USP Aspartame RS, 1750
- Aspartame acesulfame, 1751
 USP Acesulfame Potassium RS, 1751
 USP Aspartame Acesulfame RS, 1751
 USP Aspartame Related Compound A RS, 1751
- Aspartic acid, 891
 USP Aspartic Acid RS, 891
- Aspartic acid, DL-, 1972
- L-Aspartic acid, 2427
- Assay for citric acid/citrate and phosphate (345), 108
- Assessment of drug product leachables associated with pharmaceutical packaging/delivery systems (1664), 698
- Assessment of extractables associated with pharmaceutical packaging/delivery systems (1663), 683
- Astaxanthin esters, 892
 USP Apocarotenal RS, 892
 USP Astaxanthin Esters from *Haematococcus pluvialis* RS, 892
- Astaxanthin esters from *Haematococcus pluvialis*, 1973
- Atomic absorption spectroscopy (852), 333
- Atomic absorption spectroscopy—theory and practice (1852), 752
- Atomic weights, 2597
- Autolyzed yeast, 2223
- Azo violet, 2487
- Aztec marigold zeaxanthin extract, 894
 USP Aztec Marigold Zeaxanthin Extract RS, 894
- Azure A, 2427
- B**
- Bacillus coagulans* GBI-30, 6086, 1978
- Bacillus subtilis* subsp. *subtilis* menaquinone-7 extract, 1274
 USP Menaquinone-7 RS, 1274
- Bacopa, 896
 USP Powdered Bacopa Extract RS, 896
 USP Bacoside A₃ RS, 896
- Bacopa extract, powdered, 899
 USP Powdered Bacopa Extract RS, 899
 USP Bacoside A₃ RS, 899
- Bacopa, powdered, 898
 USP Powdered Bacopa Extract RS, 898
 USP Bacoside A₃ RS, 898
- Bacterial alkaline protease preparation, 2427
- Balsam peru oil, 1987
- Banaba leaf, 901
 USP Corosolic Acid RS, 901
 USP *Lagerstroemia speciosa* Leaf Dry Extract RS, 901
- Banaba leaf dry extract, 903
 USP Corosolic Acid RS, 903
 USP *Lagerstroemia speciosa* Leaf Dry Extract RS, 903
- Banaba leaf powder, 904
 USP Corosolic Acid RS, 904
 USP *Lagerstroemia speciosa* Leaf Dry Extract RS, 904
- Barbital sodium, 2427
- Barbituric acid, 2427
- Barium
 acetate, 2427
 chloride, 2427
 chloride, anhydrous, 2427
 chloride TS, 2493
 diphenylamine sulfonate TS, 2493
 hydroxide, 2427
 hydroxide TS, 2493
 nitrate, 2427
 nitrate TS, 2493
- Basil oil
 Comoros type, 1988
 European type, 1989
- Bay oil, 1990
- Beclomethasone, 2427
- Beef extract, 2427
- Beeswax, white, 1991
- Beeswax, yellow, 1991
- Behenyl polyoxyglycerides, 1753
 USP Behenoyl Polyoxyglycerides RS, 1753
- Bentonite, 1754
- Benzaldehyde, 1755, 2427
 USP Benzaldehyde RS, 1755
 USP Benzoic Acid RS, 1755
 USP Benzyl Alcohol RS, 1755
 USP Cyclohexylmethanol RS, 1755
 USP Ethylbenzene RS, 1755
 USP Methylparaben RS, 1755
- Benzalkonium chloride, 2427
- Benzamidine hydrochloride hydrate, 2427
- Benzanilide, 2427
- Benzene, 2427
- Benzenesulfonamide, 2427
- Benzenesulfonyl chloride, 2427
- Benzhydrol, 2427
- Benzoic acid, 2427
- Benzophenone, 2427
- p-Benzoquinone, 2427
- N-Benzoyl-L-arginine ethyl ester hydrochloride, 2427

- 3-Benzoylbenzoic acid, 2427
 Benzoyl chloride, 2427
 Benzoylformic acid, 2427
 Benzphetamine hydrochloride, 2427
 Benzyl alcohol, 1756
 USP Benzyl Alcohol RS, 1756
 2-Benzylaminopyridine, 2428
 Benzyl benzoate, 1758
 USP Benzyl Benzoate RS, 1758
 1-Benzylimidazole, 2428
 Benzyltrimethylammonium chloride, 2428
 Bergamot oil, coldpressed, 1992
 Beta carotene, 906
 USP Beta Carotene RS, 906
 USP Beta Carotene System Suitability RS, 906
 Beta carotene capsules, 907
 USP Beta Carotene RS, 907
 USP Beta Carotene System Suitability RS, 907
 Beta carotene preparation, 909
 USP Beta Carotene System Suitability RS, 909
 USP Beta Carotene RS, 909
 Beta glucan, 910
 USP Beta Glucan RS, 910
 USP Dextrose RS, 910
 USP Inositol RS, 910
 USP Mannose RS, 910
 Beta glucan from Baker's Yeast (*Saccharomyces cerevisiae*), 1993
 USP Beta Glucan RS, 1993
 Betaine, 1996
 USP Betaine RS, 1996
 Beta-lactamase, 2428
 Bibenzyl, 2428
 Bilberry extract, powdered, 913
 USP Powdered Bilberry Extract RS, 913
 USP Cyanidin-3-O-glucoside Chloride RS, 913
 USP Cyanidin Chloride RS, 913
 Bile salts, 2428
 Bioburden control of nonsterile drug substances and products (1115), 541
 Biological assay validation (1033), 410
 Biotechnology-derived articles—
 amino acid analysis (1052), 438
 capillary electrophoresis (1053), 450
 isoelectric focusing (1054), 457
 polyacrylamide gel electrophoresis (1056), 466
 total protein assay (1057), 473
 Biotin, 915
 USP Biotin RS, 915
 Biotin capsules, 916
 USP Biotin RS, 916
 Biotin tablets, 917
 USP Biotin RS, 917
 Biphenyl, 2428
 2,2'-Bipyridine, 2428
 Bis(4-sulfobutyl) ether disodium, 2429
 (–)- α -Bisabolol, 1958
 USP Levomenol RS, 1958
 4,4'-Bis(4-amino-naphthylazo)-2,2'-stilbenedisulfonic acid, 2428
 Bis(2-ethylhexyl)
 maleate, 2428
 (phosphoric acid), 2429
 phthalate, 2429
 sebacate, 2429
 Bismuth, 2429
 iodide TS, potassium, 2498
 nitrate pentahydrate, 2429
 nitrate, 0.01 mol/L, 2502
 subnitrate, 2429
 sulfite, 2487
 sulfite agar, 2429
 Bis(trimethylsilyl)
 acetamide, 2429
 trifluoroacetamide, 2429
 trifluoroacetamide with trimethylchlorosilane, 2429
 Biuret reagent TS, 2493
 Black cohosh, 917
 USP Actein RS, 917
 USP Powdered Black Cohosh Extract RS, 917
 USP 23-*epi*-26-Deoxyactein RS, 917
 Black cohosh extract, powdered, 923
 USP Actein RS, 923
 USP Powdered Black Cohosh Extract RS, 923
 USP 23-*epi*-26-Deoxyactein RS, 923
 Black cohosh fluidextract, 919
 USP Actein RS, 919
 USP Powdered Black Cohosh Extract RS, 919
 USP 23-*epi*-26-Deoxyactein RS, 919
 Black cohosh, powdered, 921
 USP Actein RS, 921
 USP Powdered Black Cohosh Extract RS, 921
 USP 23-*epi*-26-Deoxyactein RS, 921
 Black cohosh tablets, 925
 USP Actein RS, 925
 USP Powdered Black Cohosh Extract RS, 925
 USP 23-*epi*-26-Deoxyactein RS, 925
 Black pepper, 927
 USP Powdered Black Pepper Extract RS, 927
 USP Piperine RS, 927
 Black pepper extract, powdered, 931
 USP Powdered Black Pepper Extract RS, 931
 USP Piperine RS, 931
 Black pepper, powdered, 929
 USP Powdered Black Pepper Extract RS, 929
 USP Piperine RS, 929
 Blood, 2429
 Group A₁ red blood cells and blood group B red blood cells, 2429
 Grouping reagent, anti-A, grouping reagent, anti-B, and grouping reagent, anti-AB, 2429
 Blue
 B, oracet, 2488
 B TS, oracet, 2498
 tetrazolium, 2429
 tetrazolium TS, 2493
 Boiling or distilling range for reagents, 2416
 Boldine, 2430
 Borage seed oil, 932
 Borage seed oil capsules, 933
 USP Borage Seed Oil RS, 933
 USP Methyl Linoleate RS, 933
 USP Methyl Linolenate RS, 933
 USP Methyl Oleate RS, 933
 Boric acid, 2430
 (–)-Bornyl acetate, 2430
 Boron trifluoride, 2430
 14% Boron trifluoride–methanol, 2430
Boswellia serrata, 934
 USP 3-Acetyl-11-keto- β -Boswellic Acid RS, 934
 USP *Boswellia serrata* Extract RS, 934
Boswellia serrata extract, 936
 USP 3-Acetyl-11-keto- β -Boswellic Acid RS, 936
 USP *Boswellia serrata* Extract RS, 936
 Botanical extracts (565), 189
 Bovine collagen, 2430
 7 Percent bovine serum albumin certified standard, 2430
 Branched polymeric sucrose, 2430
 Brilliant yellow, 2487
 Bromelain, 2430
 Bromine, 2430
 sodium acetate TS, 2493
 tenth-normal (0.1 N), 2502
 TS, 2493
 α -Bromo-2'-acetanaphthone, 2430
p-Bromoaniline, 2430
 TS, 2493
 Bromocresol
 green, 2487
 green-methyl red TS, 2493
 green sodium salt, 2487
 green TS, 2493
 purple, 2487
 purple sodium salt, 2487
 purple TS, 2493
 Bromofluoromethane, 2430
 Bromophenol blue, 2487
 sodium, 2487
 TS, 2493
N-Bromosuccinimide, 2430
 Bromothymol blue, 2487
 TS, 2493
 Brucine sulfate, 2430
 Buffer
 acetate, 2490
 acetate TS, 2491

- acetic acid–ammonium acetate TS, 2492
- acetone buffered, TS, 2492
- acid phthalate, 2490
- alkaline borate, 2490
- hydrochloric acid, 2490
- neutralized phthalate, 2490
- phosphate, 2490
- Buffer solutions, 2489
- acetate buffer, 2490
- acid phthalate buffer, 2490
- alkaline borate buffer, 2490
- citrate buffer, 2491
- hydrochloric acid buffer, 2490
- neutralized phthalate buffer, 2490
- phosphate buffer, 2490
- Bulk density and tapped density (616), 208
- Bulk pharmaceutical excipients—certificate of analysis (1080), 498
- Bulk powder sampling procedures (1097), 523
- Butane-1,2-diol, 2430
- Butane-1,4-diol, 2430
- Butane-2,3-diol, 2430
- 1,3-Butanediol, 2430
- 2,3-Butanedione, 2430
- 1-Butanesulfonic acid sodium salt, 2430
- 1,4-Butane sultone, 2430
- Butyl
- acetate, normal, 2431
- alcohol, secondary, 2431
- alcohol, tertiary, 2431
- benzoate, 2431
- ether, 2431
- methacrylate, 2431
- n*-Butyl chloride, 2431
- tert*-Butyl methyl ether, 2431
- Butyl alcohol, 1759, 2431
- USP 1-Butanol RS, 1759
- USP 2-Butanol RS, 1759
- USP Butyraldehyde RS, 1759
- USP 2-Methyl-1-Propanol RS, 1759
- n*-Butylamine, 2431
- tert*-Butylamine, 2431
- 4-(Butylamino)benzoic acid, 2431
- Butylated hydroxyanisole, 1762
- USP 2-*tert*-Butyl-4-hydroxyanisole RS, 1762
- USP 3-*tert*-Butyl-4-hydroxyanisole RS, 1762
- Butylated hydroxytoluene, 1762
- USP Butylated Hydroxytoluene RS, 1762
- USP Caffeine RS, 1762
- n*-Butylboronic acid, 2431
- tert*-Butyldimethylchlorosilane in *N*-methyl-*N*-*tert*-butyldimethylsilyl-trifluoroacetamide, (1 in 100), 2431
- Butylene glycol, 1763
- USP Butane-1,3-diol RS, 1763
- USP Diethylene Glycol RS, 1763
- USP Ethylene Glycol RS, 1763
- USP Propylene Glycol RS, 1763
- Butyl palmitostearate, 1760
- USP Butyl Palmitate RS, 1760
- USP Butyl Stearate RS, 1760
- 4-*tert*-Butylphenol, 2431
- Butyl stearate, 1761
- USP Butyl Palmitate RS, 1761
- USP Butyl Stearate RS, 1761
- t*-Butylthiol, 2431
- Butyraldehyde, 2431
- Butyric acid, 2431
- Butyrolactone, 2431
- Butyrophenone, 2431
- ## C
- Cadmium
- acetate, 2431
- nitrate, 2432
- Caffeine, 937
- USP Caffeine RS, 937
- Calcifediol, 938
- USP Calcifediol RS, 938
- Calcifediol capsules, 938
- USP Calcifediol RS, 938
- Calcium acetate, 939
- USP Sodium Fluoride RS, 939
- Calcium acetate, 2432
- Calcium acetate tablets, 941
- Calcium acid pyrophosphate, 1997
- Calcium alginate, 1998
- Calcium ascorbate, 942
- USP Calcium Ascorbate RS, 942
- USP Sodium Fluoride RS, 942
- Calcium carbonate, 943
- USP Sodium Fluoride RS, 943
- Calcium carbonate, 2432
- Calcium carbonate oral suspension, 945
- USP Sodium Fluoride RS, 945
- Calcium carbonate chelometric standard, 2432
- Calcium carbonate lozenges, 944
- Calcium carbonate and magnesia tablets, 947
- Calcium carbonate tablets, 946
- Calcium caseinate, 2432
- Calcium chloride, 949, 2432
- Calcium chloride, anhydrous, 2432
- Calcium chloride TS, 2493
- Calcium citrate, 950
- USP Sodium Fluoride RS, 950
- Calcium citrate, 2432
- Calcium citrate tablets, 951
- Calcium glubionate syrup, 952
- Calcium gluceptate, 952
- USP Calcium Gluceptate RS, 952
- Calcium gluconate, 953
- USP Calcium Gluconate Anhydrous RS, 953
- USP Calcium Gluconate Monohydrate RS, 953
- Calcium gluconate tablets, 956
- USP Potassium Gluconate RS, 956
- Calcium glycerophosphate, 957
- Calcium hydroxide, 1999, 2432
- TS, 2493
- Calcium L-5-methyltetrahydrofolate, 958
- USP 4-Aminobenzoylglutamic Acid RS, 958
- USP Calcium DL-5-Methyltetrahydrofolate RS, 958
- USP Folic Acid RS, 958
- Calcium L-5-methyltetrahydrofolate capsules, 961
- USP Calcium D,L-5-Methyltetrahydrofolate RS, 961
- USP Folic Acid RS, 961
- Calcium L-5-methyltetrahydrofolate tablets, 962
- USP Calcium D,L-5-Methyltetrahydrofolate RS, 962
- USP Folic Acid RS, 962
- Calcium lactate, 963, 2432
- USP Calcium Lactate RS, 963
- Calcium lactate tablets, 964
- Calcium lactobionate, 965
- USP Calcium Lactobionate RS, 965
- Calcium levulinate, 966
- Calcium lignosulfonate (40-65), 2000
- Calcium and magnesium carbonates oral suspension, 948
- tablets, 948
- Calcium nitrate, 2433
- Calcium oxide, 2004
- Calcium pantothenate, 966
- USP Beta Alanine RS, 966
- USP Calcium Pantothenate RS, 966
- Calcium pantothenate, dextro, 2433
- Calcium pantothenate, racemic, 968
- USP Calcium Pantothenate RS, 968
- Calcium pantothenate tablets, 967
- USP Calcium Pantothenate RS, 967
- USP Racemic Panthenol RS, 967
- Calcium pantothenate assay (91), 55
- Calcium pantothenate, calcium chloride double salt, 2005
- USP Calcium Pantothenate RS, 2005
- Calcium phosphate
- monobasic, 2006
- Calcium phosphate, anhydrous dibasic, 970
- USP Sodium Fluoride RS, 970
- Calcium phosphate, dihydrate dibasic, 971
- USP Sodium Fluoride RS, 971
- Calcium phosphate, tribasic, 1765
- USP Sodium Fluoride RS, 1765
- Calcium phosphate tablets, dibasic, 969
- Calcium propionate, 1767
- USP Sodium Fluoride RS, 1767

- Calcium pyrophosphate, 2007
- Calcium saccharate, 973
 - USP Calcium Saccharate RS, 973
- Calcium silicate, 1768
 - USP Sodium Fluoride RS, 1768
- Calcium stearate, 1770
 - USP Palmitic Acid RS, 1770
 - USP Stearic Acid RS, 1770
- Calcium sulfate, 1771, 2433
 - TS, 2493
- Calcium and vitamin D with minerals tablets, 975
 - USP Cholecalciferol RS, 975
 - USP Ergocalciferol RS, 975
- Calcium with vitamin D tablets, 973
 - USP Cholecalciferol RS, 973
 - USP Ergocalciferol RS, 973
- Calconcarboxylic acid, 2433
 - triturate, 2433
- Calf thymus DNA, 2433
- dl*-Camphene, 2433
- d*-10-Camphorsulfonic acid, 2433
- dl*-10-Camphorsulfonic acid, 2433
- Canada balsam, 2433
- Candelilla wax, 1772
 - USP Candelilla wax RS, 1772
- Canola oil, 1772, 2433
- Canthaxanthin, 2008
- Capric acid, 2433
- Caprylic acid, 1773
 - USP Caprylic Acid RS, 1773
 - USP Endotoxin RS, 1773
- Capsaicin, 978
 - USP Capsaicin RS, 978
 - USP Dihydrocapsaicin RS, 978
- Capsicum, 979
 - USP Capsaicin RS, 979
 - USP Dihydrocapsaicin RS, 979
- Capsicum oleoresin, 981
 - USP Capsaicin RS, 981
 - USP Dihydrocapsaicin RS, 981
- Capsicum tincture, 983
 - USP Capsaicin RS, 983
 - USP Dihydrocapsaicin RS, 983
- Capsules
 - American ginseng, 866
 - arginine, 878
 - beta carotene, 907
 - biotin, 916
 - borage seed oil, 933
 - calcifediol, 938
 - calcium L-5-methyltetrahydrofolate, 961
 - castor oil, 991
 - cat's claw, 997
 - cholecalciferol, 1021
 - cod liver oil, 1035
 - Cryptocodinium cohnii* oil, 1043
 - curcuminoids, 1049
 - ergocalciferol, 1091
 - ferrous gluconate, 1100
 - fish oil containing omega-3 acids, 1112
 - fish oil containing omega-3 acids, delayed-release, 1115
 - flax seed oil, 1116
 - ginger, 1150
 - ginkgo, 1159
 - krill oil, 1219
 - krill oil delayed-release, 1222
 - lipoic acid, alpha, 1234
 - lutein, 1237
 - magnesium oxide, 1253
 - menaquinone-7, 1270
 - milk thistle, 1285
 - minerals, 1288
 - oleovitamin A and D, 1312
 - pygeum, 1346
 - saw palmetto, 1390
 - schizochytrium oil, 1395
 - soy isoflavones, 1417
 - ubidecarenone, 1446
 - vinpocetine, 1458
 - vitamin A, 1461
 - vitamin E, 1466
 - vitamins with minerals, oil-soluble, 1486
 - vitamins with minerals, oil- and water-soluble, 1562
 - vitamins with minerals, water-soluble, 1655
 - vitamins, oil-soluble, 1469
 - vitamins, oil- and water-soluble, 1514
 - vitamins, water-soluble, 1630
- Capsules—dissolution testing and related quality attributes (1094), 515
- Caramel, 1774
- Caraway, 1774
 - oil, 1774
- Carbazole sulfate, 2433
- Carbonates
 - calcium and magnesium, oral suspension, 948
 - calcium and magnesium, tablets, 948
- Carbon dioxide detector tube, 2433
- Carbon disulfide
 - chromatographic, 2433
 - CS, 2433
- Carbon monoxide detector tube, 2433
- Carbon tetrachloride, 2433
- Carboxymethoxylamine hemihydrochloride, 2433
- Carboxymethylcellulose
 - sodium, 1775
- Cardamom
 - oil, 1775
 - seed, 1775
- Carmine, 2433
- Carnauba wax, 1932
- L-Carnitine
 - see Levocarnitine, 1226
- Carrageenan, 1776
- Carrot seed oil, 2008
- (*R*)-(-)-Carvone, 2433
- Cascara
 - fluidextract, aromatic, 988
 - tablets, 988
- Cascara sagrada, 985
 - extract, 986
 - fluidextract, 988
- Casein, 2433
 - and caseinate salts, 2009
 - hammersten, 2434
- Cassia oil, 2011
- Castor oil, 990
 - aromatic, 990
 - capsules, 991
 - emulsion, 992
- Catechol, 2434
- Cation-exchange resin, 2434
 - carboxylate (sodium form) (50- to 100-mesh), 2434
 - polystyrene, 2434
 - styrene-divinylbenzene, 2434
 - styrene-divinylbenzene, strongly acidic, 2434
 - sulfonic acid, 2434
- Cat's claw, 992
 - USP Powdered Cat's Claw Extract RS, 992
 - USP Isopteropodine RS, 992
- Cat's claw capsules, 997
 - USP Powdered Cat's Claw Extract RS, 997
 - USP Isopteropodine RS, 997
- Cat's claw extract, powdered, 996
 - USP Powdered Cat's Claw Extract RS, 996
 - USP Isopteropodine RS, 996
- Cat's claw, powdered, 994
 - USP Powdered Cat's Claw Extract RS, 994
 - USP Isopteropodine RS, 994
- Cat's claw tablets, 998
 - USP Powdered Cat's Claw Extract RS, 998
 - USP Isopteropodine RS, 998
- Cedar
 - leaf oil, 2012
 - oil, 2434
- Celery seed oil, 2013
- Cellulose
 - chromatographic, 2434
 - microcrystalline, 1777, 2434
 - mixture, chromatographic, 2434
 - powdered, 1778
- Centella asiatica*, 1000
 - USP Asiaticoside RS, 1000
 - USP Powdered *Centella asiatica* Extract RS, 1000
- Centella asiatica* extract, powdered, 1003
 - USP Asiaticoside RS, 1003
 - USP Powdered *Centella asiatica* Extract RS, 1003

- Centella asiatica*, powdered, 1002
 USP Asiaticoside RS, 1002
 USP Powdered *Centella asiatica* Extract RS, 1002
- Centella asiatica* triterpenes, 1005
 USP Asiaticoside RS, 1005
 USP Powdered *Centella asiatica* Extract RS, 1005
- Ceric
 ammonium nitrate, 2434
 ammonium nitrate TS, 2493
 ammonium nitrate, twentieth-normal (0.05 N), 2502
 ammonium sulfate, 2434
 sulfate, 2434
 sulfate, tenth-normal (0.1 N), 2502
- Cesium chloride, 2435
- Cetyltrimethylammonium
 bromide, 2435
 chloride, 25 percent in water, 2435
- Chamomile, 1006
 USP Apigenin-7-glucoside RS, 1006
 USP Levomenol RS, 1006
- Chamomile oil, English type, 2013
 Chamomile oil, German type, 2014
- Charcoal
 activated, 1008, 2435
- Chaste tree, 1009
 USP Agnuside RS, 1009
 USP Casticin RS, 1009
 USP Powdered Chaste Tree Extract RS, 1009
- Chaste tree extract, powdered, 1013
 USP Agnuside RS, 1013
 USP Casticin RS, 1013
 USP Powdered Chaste Tree Extract RS, 1013
- Chaste tree, powdered, 1011
 USP Agnuside RS, 1011
 USP Casticin RS, 1011
 USP Powdered Chaste Tree Extract RS, 1011
- Chenodeoxycholic acid, 2435
- Chinese salvia, 1014
 USP Powdered Chinese Salvia Extract RS, 1014
 USP Salvianolic Acid B RS, 1014
 USP Tanshinone II_A RS, 1014
- Chinese salvia, powdered, 1017
 USP Powdered Chinese Salvia Extract RS, 1017
 USP Salvianolic Acid B RS, 1017
 USP Tanshinone II_A RS, 1017
- Chitosan, 1779
 USP Chitosan RS, 1779
 USP Endotoxin RS, 1779
- Chloral hydrate TS, 2493
- Chloramine T, 2435
- Chloride
 cobaltous, TS, 2494
 ferric, TS, 2495
 ferrous tetrahydrate, 2447
 gold, 2449
- gold, TS, 2495
 platinum, 2464
 platinum, TS, 2498
 in reagents, 2417
 stannous, 1912
- Chloride and sulfate (221), 88
- Chlorine, 2435
 detector tube, 2435
 TS, 2493
- m*-Chloroacetanilide, 2435
p-Chloroacetanilide, 2435
 1-Chloroadamantane, 2435
 3-Chloroaniline, 2435
p-Chloroaniline, 2435
 Chlorobenzene, 2435
 4-Chlorobenzoic acid, 2435
m-Chlorobenzoic acid, 2435
 4-Chlorobenzophenone, 2435
 2-Chloroethanol, 2435
 2-Chloroethylamine monohydrochloride, 2435
- Chloroform, 2436
 alcohol-free, 2436
- Chlorogenic acid, 2436
 1-Chloronaphthalene, 2436
 4-Chloro-1-naphthol, 2436
 2-Chloronicotinic acid, 2436
 2-Chloro-4-nitroaniline, 99%, 2436
- Chlorophyllin copper complex sodium, 1019
- Chloroplatinic acid, 2436
 5-Chlorosalicylic acid, 2436
 1-Chloro-2,2,2-trifluoroethylchlorodifluoromethyl ether, 2436
- Chlorotrimethylsilane, 2436
- Chlortetracycline hydrochloride, 2436
- Chocolate, 1783
- Cholecalciferol, 1020
 USP Cholecalciferol RS, 1020
 USP Vitamin D Assay System Suitability RS, 1020
- Cholecalciferol capsules, 1021
 USP Cholecalciferol RS, 1021
 USP Vitamin D Assay System Suitability RS, 1021
- Cholecalciferol solution, 1022
 USP Cholecalciferol RS, 1022
- Cholestane, 2436
- Cholesterol, 2436
- Cholesteryl
 benzoate, 2436
n-heptylate, 2436
- Choline bitartrate, 1023
 USP Choline Bitartrate RS, 1023
 USP Choline Chloride RS, 1023
- Choline chloride, 1025, 2436
 USP Choline Chloride RS, 1025
- Chondroitin sulfate sodium, 1026
 USP Chondroitin Sulfate Sodium RS, 1026
- Chondroitin sulfate sodium and glucosamine tablets
 see Glucosamine and chondroitin sulfate sodium tablets, 1163
- Chondroitin sulfate sodium, glucosamine, and methylsulfonylmethane tablets
 see Glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane tablets, 1170
- Chondroitin sulfate sodium tablets, 1029
 USP Chondroitin Sulfate Sodium RS, 1029
- Chromatographic columns, 2509
- Chromatography (621), 212
- Chromic chloride, 1030
- Chromium
 picolinate tablets, 1032
 potassium sulfate dodecahydrate, 2436
 trioxide, 2436
- Chromium picolinate, 1031
 USP Chromium Picolinate RS, 1031
- Chromogenic
 substrate for amidolytic test, 2436
- Chromotrope 2R, 2437
- Chromotropic acid, 2437
 disodium salt, 2437
 TS, 2493
- Cinchonidine, 2437
- Cinchonine, 2437
- Cinnamon
 bark oil, Ceylon type, 2015
 leaf oil, 2016
- Citrate
 buffer, 2491
 cupric TS, alkaline, 2494
 cupric TS 2, alkaline, 2494
- Citric acid, 2437
 anhydrous, 2437
- Clary oil, 2017
- Cleaning glass apparatus (1051), 437
- Clove leaf oil, 2018
- Clove oil, 1784, 2019
- Clove stem oil, 2020
- Clover, red, 1350
 USP Biochanin A RS, 1350
 USP Powdered Red Clover Extract RS, 1350
 USP Daidzein RS, 1350
 USP Formononetin RS, 1350
 USP Genistein RS, 1350
 USP Hyperoside RS, 1350
- Clover extract, red, powdered, 1355
 USP Biochanin A RS, 1355
 USP Powdered Red Clover Extract RS, 1355
 USP Daidzein RS, 1355
 USP Formononetin RS, 1355
 USP Genistein RS, 1355
 USP Hyperoside RS, 1355

- Clover, red, powdered, 1353
 - USP Biochanin A RS, 1353
 - USP Powdered Red Clover Extract RS, 1353
 - USP Daidzein RS, 1353
 - USP Formononetin RS, 1353
 - USP Genistein RS, 1353
 - USP Hyperoside RS, 1353
- Clover tablets, red, 1357
 - USP Biochanin A RS, 1357
 - USP Powdered Red Clover Extract RS, 1357
 - USP Daidzein RS, 1357
 - USP Formononetin RS, 1357
 - USP Genistein RS, 1357
- Cobalt
 - chloride, 2437
 - nitrate, 2437
 - platinum, TS, 2498
 - uranyl acetate TS, 2493
- Cobaltous
 - acetate, 2437
 - chloride CS, 2491
 - chloride TS, 2494
- Cocoa butter, 1784
- Coconut
 - oil, 1785
 - oil, hydrogenated, 1786
- Cod liver oil, 1033
 - USP Cholecalciferol RS, 1033
 - USP Cod Liver Oil RS, 1033
 - USP Ergocalciferol RS, 1033
- Cod liver oil capsules, 1035
 - USP Cholecalciferol RS, 1035
 - USP Cod Liver Oil RS, 1035
 - USP Ergocalciferol RS, 1035
 - USP Vitamin A RS, 1035
- Co-enzyme Q10
 - see Ubidecarenone, 1445
- Coenzyme Q9, 2437
- Collagen, 2437
 - rat tail, 2437
- Collagenase, 2437
- Color and achromicity (631), 222
- Colorimetric solutions (CS), 2491
- Color—instrumental measurement (1061), 483
- Compactin, 2437
- Completeness of solution (641), 224
- Congeeing temperature (651), 229
- Congo red, 2437
 - TS, 2494
- Containers—
 - auxiliary packaging components (670), 247
 - glass (660), 234
 - performance testing (671), 249
 - plastics (661), 241
- Container specifications for capsules and tablets, 2515
- Coomassie
 - blue G-250, 2437
 - brilliant blue R-250, 2437
- Copper, 2437
 - USP Potassium Gluconate RS, 1038
- Copper gluconate, 1038
- Copper sulfate TS, 2494
- CoQ10
 - see Ubidecarenone, 1445
- Coriander oil, 1787, 2021
- Corn oil, 1787
- Corn syrup, 1787
 - USP Dextrose RS, 1787
- Corn syrup, high fructose, 1791
 - USP Dextrose RS, 1791
 - USP Fructose RS, 1791
 - USP Maltose Monohydrate RS, 1791
- Cortisone, 2437
- Costus root oil, 2022
- Cotton
 - absorbent, 2437
- Cottonseed oil, 1794
- Cranberry Liquid Preparation, 1039
 - USP Citric Acid RS, 1039
 - USP Dextrose RS, 1039
 - USP Fructose RS, 1039
 - USP Malic Acid RS, 1039
 - USP Quinic Acid RS, 1039
 - USP Sorbitol RS, 1039
 - USP Sucrose RS, 1039
- Creatinine, 1795
 - USP Creatinine RS, 1795
- Cresol
 - red, 2487
 - red–thymol blue TS, 2494
 - red TS, 2494
- m*-Cresol purple, 2437
 - TS, 2494
- Crospovidone, 1795
 - USP Crospovidone RS, 1795
- Cryptocodinium cohnii* oil, 1041
 - USP Docosahexaenoic Acid Ethyl Ester RS, 1041
 - USP Eicosapentaenoic Acid Ethyl Ester RS, 1041
 - USP Methyl Tricosanoate RS, 1041
- Cryptocodinium cohnii* oil capsules, 1043
 - USP Docosahexaenoic Acid Ethyl Ester RS, 1043
 - USP Eicosapentaenoic Acid Ethyl Ester RS, 1043
 - USP Methyl Tricosanoate RS, 1043
- Crystallinity (695), 256
- Crystal violet, 2487
 - TS, 2494
- Cubeb oil, 2023
- Cumin oil, 2024
- Cupric
 - acetate, 2437
 - acetate TS, 2494
 - acetate TS, stronger, 2494
 - ammonium sulfate TS, 2494
 - chloride, 1046, 2437
 - citrate, 2437
 - citrate TS, 2494
 - citrate TS 2, alkaline, 2494
 - citrate TS, alkaline, 2494
 - iodide TS, alkaline, 2494
 - nitrate, 2437
 - nitrate hydrate, 2437
 - nitrate, tenth-normal (0.1 N), 2502
 - oxide, ammoniated, TS, 2494
 - sulfate, 1047, 2437
 - sulfate, anhydrous, 2437
 - sulfate CS, 2491
 - sulfate TS, 2494
 - Tartrate, alkaline, solution (Fehling's Solution), 2502
 - tartrate TS, alkaline, 2494
- Cupriethylenediamine hydroxide solution, 1.0 M, 2437
- Curcuminoids, 1048
 - USP Bisdesmethoxycurcumin RS, 1048
 - USP Curcuminoids RS, 1048
 - USP Curcumin RS, 1048
 - USP Desmethoxycurcumin RS, 1048
- Curcuminoids capsules, 1049
 - USP Bisdesmethoxycurcumin RS, 1049
 - USP Curcuminoids RS, 1049
 - USP Curcumin RS, 1049
 - USP Desmethoxycurcumin RS, 1049
- Curcuminoids tablets, 1050
 - USP Bisdesmethoxycurcumin RS, 1050
 - USP Curcuminoids RS, 1050
 - USP Curcumin RS, 1050
 - USP Desmethoxycurcumin RS, 1050
- Curdlan, 2025
- Cyanoacetic acid, 2438
- Cyanocobalamin, 1052
 - USP Cyanocobalamin RS, 1052
- Cyanocobalamin tablets, 1053
 - USP Cyanocobalamin RS, 1053
- Cyanogen bromide, 2438
- 4-Cyanophenol, 2438
- Cyclam, 2438
- α -Cyclodextrin, 2026, 2438
- β -Cyclodextrin, 2438
- Cyclodextrin, gamma, 1797
- Cyclohexane, 2438
- Cyclohexanol, 2438
- (1,2-Cyclohexylenedinitrilo)tetraacetic acid, 2438
- Cyclohexylmethanol, 2438
- Cysteine hydrochloride, 1053
 - USP L-Cysteine Hydrochloride RS, 1053
 - USP L-Tyrosine RS, 1053
- Cystine, 1054
 - USP Arginine Hydrochloride RS, 1054
 - USP Cystine RS, 1054
- L-Cystine, 2438
- 5'-Cytidylic acid, 2028

D

- Dammar gum, 2031
 DEAE-Agarose, 2438
 Decanol, 2438
 Decyl sodium sulfate, 2438
 Dehydrocholic acid, 1055
 USP Dehydrocholic Acid RS, 1055
 Dehydrocholic acid tablets, 1056
 USP Dehydrocholic Acid RS, 1056
 Delafield's hematoxylin TS, 2494
 Deliverable volume (698), 257
 Delta-8-tetrahydrocannabinol, 2480
 Denaturated alcohol TS, 2494
 Density of solids (699), 259
 Deoxyadenosine triphosphate, 2438
 Deoxycytidine triphosphate, 2438
 Deoxyguanosine triphosphate, 2438
 Deoxyribonucleic acid polymerase, 2438
 Deoxythymidine triphosphate, 2438
 Description and relative solubility of USP and NF articles, 2525
 Design and analysis of biological assays (111), 57
 Design and development of biological assays (1032), 392
 Desoxycholic Acid, 1798
 Detection of irradiated dietary supplements (2250), 824
 Deuterated methanol, 2438
 Deuterium
 chloride, 2438
 oxide, 2438
 Deuteriochloroform, 2438
 Devarda's alloy, 2438
 Dexpanthenol, 1056
 USP Dexpanthenol RS, 1056
 Dexpanthenol assay (115), 72
 Dexpanthenol preparation, 1057
 USP Dexpanthenol RS, 1057
 USP Pantolactone RS, 1057
 Dextran
 high molecular weight, 2438
 Dextrin, 1799, 2438
 Dextro calcium pantothenate, 2439
 Dextrose
 anhydrous, 2439
 DHA from Algal (*Ulkenia*) Oil, 2032
 3,3'-Diaminobenzidine hydrochloride, 2439
 2,3-Diaminonaphthalene, 2439
 Diatomaceous earth, 2439
 flux-calcined, 2439
 silanized, 2439
 Diatomaceous silica
 calcined, 2439
 Diaveridine, 2439
 Diazobenzenesulfonic acid TS, 2494
 Dibasic sodium phosphate, 1414
 2,6-Dibromoquinone-chlorimide, 2439
 Dibutylamine, 2439
 Dibutylammonium phosphate, 2439
 Dibutyl phthalate, 2439
 1,3-Dicaffeoylquinic acid, 2439
 Dichloroacetic acid, 2439
 2,5-Dichloroaniline, 2439
 2,6-Dichloroaniline, 2440
 o-Dichlorobenzene, 2440
 Dichlorofluorescein, 2440
 TS, 2494
 Dichlorofluoromethane, 2440
 2,4-Dichloro-1-naphthol, 2440
 2,6-Dichlorophenol-indophenol sodium, 2440
 Dichlorophenol-indophenol solution, standard, 2503
 2,6-Dichlorophenylacetic acid, 2440
 2,6-Dichloroquinone-chlorimide, 2440
 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane, 2440
 Dicyclohexyl, 2440
 Dicyclohexylamine, 2440
 Dicyclohexyl phthalate, 2440
 Diethylamine, 2440
 phosphate, 2440
 N,N-Diethylaniline, 2440
 Diethylene glycol, 2440
 succinate polyester, 2440
 Di(ethylene glycol) methyl ether, 2440
 Diethylenetriamine, 2441
 Di(2-ethylhexyl)phthalate, 2441
 Diethylpyrocarbonate, 2441
 Diethyl sebacate, 1800
 USP Diethyl Sebacate RS, 1800
 Diethyl sulfone, 2441
 Digitonin, 2441
 Digoxigenin, 2441
 24,25-Dihydrolanosterol, 2441
 Dihydroquinidine
 hydrochloride, 2441
 Dihydroquinine, 2441
 2,5-Dihydroxybenzoic acid, 2441
 2,7-Dihydroxynaphthalene
 TS, 2494
 Diiodofluorescein, 2441
 TS, 2494
 Diisodecyl phthalate, 2441
 Diisopropyl ether, 2441
 Diisopropylamine, 2442
 Diisopropylethylamine, 2442
 1,2-Dilinoleoyl-3-oleoyl-*rac*-glycerol, 2442
 1,2-Dilinoleoyl-3-palmitoyl-*rac*-glycerol, 2442
 Dill seed oil
 European type, 2034
 Indian type, 2035
 Dillweed oil, American type, 2036
 Diluted alcohol, 2442
 Dimethicone
 viscosity 500 centistokes, 2442
 2,5-Dimethoxybenzaldehyde, 2442
 1,2-Dimethoxyethane, 2442
 Dimethoxymethane, 2442
 (3,4-Dimethoxyphenyl)-acetonitrile, 2442
 Dimethyl
 phthalate, 2442
 sulfone, 2442
 sulfoxide, 2442
 sulfoxide spectrophotometric grade, 2442
 N,N-Dimethylacetamide, 2442
 p-Dimethylaminoazobenzene, 2442
 p-Dimethylaminobenzaldehyde, 2442
 TS, 2494
 p-Dimethylaminocinnamaldehyde, 2442
 2-Dimethylaminoethyl methacrylate, 2442
 Dimethylaminophenol, 2442
 2,6-Dimethylaniline, 2442
 N,N-Dimethylaniline, 2442
 3,4-Dimethylbenzophenone, 2443
 5,5-Dimethyl-1,3-cyclohexanedione, 2443
 N,N-Dimethyldecylamine, 2443
 1,5-Dimethyl-1,5-diazaundecamethylene polymethobromide, 2443
 N,N-Dimethyldodecylamine-*N*-oxide, 2443
 Dimethylethyl(3-hydroxyphenyl)ammonium chloride, 2443
 Dimethylformamide, 2443
 N,N-Dimethylformamide diethyl acetal, 2443
 1,3-Dimethyl-2-imidazolidinone, 2443
 1,9-Dimethyl-methylene blue, 2443
 N,N-Dimethyl-1-naphthylamine, 2443
 N,N-Dimethyloctylamine, 2443
 2,5-Dimethylphenol, 2443
 2,6-Dimethylphenol, 2443
 3,5-Dimethylphenol, 2443
 3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide, 2443
 Dimethyltin dibromide, 2443
 N,N-Dimethyl-*p*-phenylenediamine dihydrochloride, 2443
 m-Dinitrobenzene, 2443
 3,5-Dinitrobenzoyl chloride, 2443
 2,4-Dinitrochlorobenzene, 2444
 2,4-Dinitrofluorobenzene, 2444
 2,4-Dinitrophenylhydrazine, 2444
 Dinitrophenylhydrazine TS, 2494
 Diocetyl sodium sulfosuccinate, 2444
 Diosmin, 1058
 USP Diosmin for System Suitability RS, 1058
 USP Diosmin RS, 1058
 Dioxane, 2444
 Diphenyl ether, 2444
 Diphenylamine, 2444
 TS, 2494
 Diphenylborinic acid, ethanolamine ester, 2444
 Diphenylcarbazide, 2444

Diphenylcarbazone, 2444
 TS, 2495
 2,2-Diphenylglycine, 2444
 Dipropyl phthalate, 2444
 4,4'-Dipyridyl, 2444
 Direct red 80, 2469
 Disintegration ⟨701⟩, 261
 Disintegration and dissolution of dietary supplements ⟨2040⟩, 812
 Disodium
 chromotropate, 2444
 5'-uridylylate, 2037
 Dissolution ⟨711⟩, 264
 The dissolution procedure—development and validation ⟨1092⟩, 508
 Distilling range ⟨721⟩, 274
 5,5'-Dithiobis (2-nitrobenzoic acid), 2444
 Dithiothreitol, 2444
 Dithizone, 2444
 TS, 2495
 1-Dodecanol, 2444
 Dodecyl
 lithium sulfate, 2444
 sodium sulfonate, 2444
 3-(Dodecylidimethylammonio)propanesulfonate, 2444
 T-Dodecyl mercaptan ethoxylate, 2444
 Dodecyltriethylammonium phosphate, 0.5 M, 2444
 Dodecyltrimethylammonium bromide, 2444
 Drabkin's reagent, 2444
 Dragendorff's TS, 2495

E

Earth, chromatographic, silanized, acid-base washed, 2445
Echinacea angustifolia, 1059
 USP Caftaric Acid RS, 1059
 USP Chicoric Acid RS, 1059
 USP Chlorogenic Acid RS, 1059
 USP Powdered *Echinacea angustifolia* Extract RS, 1059
 USP Echinacoside RS, 1059
 USP 2*E*,4*E*-Hexadienoic Acid Isobutylamide RS, 1059
 USP β -Sitosterol RS, 1059
Echinacea angustifolia extract, powdered, 1065
 USP Caftaric Acid RS, 1065
 USP Chicoric Acid RS, 1065
 USP Chlorogenic Acid RS, 1065
 USP Powdered *Echinacea angustifolia* Extract RS, 1065
 USP Echinacoside RS, 1065
 USP 2*E*,4*E*-Hexadienoic Acid Isobutylamide RS, 1065
 USP β -Sitosterol RS, 1065
Echinacea angustifolia, powdered, 1062
 USP Caftaric Acid RS, 1062
 USP Chicoric Acid RS, 1062

USP Chlorogenic Acid RS, 1062
 USP Powdered *Echinacea angustifolia* Extract RS, 1062
 USP Echinacoside RS, 1062
 USP 2*E*,4*E*-Hexadienoic Acid Isobutylamide RS, 1062
 USP β -Sitosterol RS, 1062
Echinacea pallida, 1068
 USP Caftaric Acid RS, 1068
 USP Chicoric Acid RS, 1068
 USP Chlorogenic Acid RS, 1068
 USP Powdered *Echinacea pallida* Extract RS, 1068
 USP Echinacoside RS, 1068
 USP β -Sitosterol RS, 1068
Echinacea pallida extract, powdered, 1072
 USP Caftaric Acid RS, 1072
 USP Chicoric Acid RS, 1072
 USP Chlorogenic Acid RS, 1072
 USP Powdered *Echinacea pallida* Extract RS, 1072
 USP Echinacoside RS, 1072
 USP β -Sitosterol RS, 1072
Echinacea pallida, powdered, 1070
 USP Caftaric Acid RS, 1070
 USP Chicoric Acid RS, 1070
 USP Chlorogenic Acid RS, 1070
 USP Powdered *Echinacea pallida* Extract RS, 1070
 USP Echinacoside RS, 1070
 USP β -Sitosterol RS, 1070
Echinacea purpurea extract, powdered, 1077
 USP Caftaric Acid RS, 1077
 USP Chicoric Acid RS, 1077
 USP Chlorogenic Acid RS, 1077
 USP Powdered *Echinacea purpurea* Extract RS, 1077
 USP Echinacoside RS, 1077
 USP 2*E*,4*E*-Hexadienoic Acid Isobutylamide RS, 1077
 USP β -Sitosterol RS, 1077
Echinacea purpurea, powdered, 1075
 USP Caftaric Acid RS, 1075
 USP Chicoric Acid RS, 1075
 USP Chlorogenic Acid RS, 1075
 USP Powdered *Echinacea purpurea* Extract RS, 1075
 USP Echinacoside RS, 1075
 USP 2*E*,4*E*-Hexadienoic Acid Isobutylamide RS, 1075
 USP β -Sitosterol RS, 1075
Echinacea purpurea root, 1082
 USP Caftaric Acid RS, 1082
 USP Chicoric Acid RS, 1082
 USP Chlorogenic Acid RS, 1082
 USP Powdered *Echinacea purpurea* Extract RS, 1082
 USP Echinacoside RS, 1082
 USP 2*E*,4*E*-Hexadienoic Acid Isobutylamide RS, 1082
 USP β -Sitosterol RS, 1082

Echinacea purpurea aerial parts, 1080
 USP Caftaric Acid RS, 1080
 USP Chicoric Acid RS, 1080
 USP Chlorogenic Acid RS, 1080
 USP Powdered *Echinacea purpurea* Extract RS, 1080
 USP Echinacoside RS, 1080
 USP 2*E*,4*E*-Hexadienoic Acid Isobutylamide RS, 1080
 Edetate disodium, 2445
 TS, 2495
 twentieth-molar (0.05 M), 2503
 Edetic acid, 2445
 Egg phospholipids, 1801
 USP Endotoxin RS, 1801
 USP Lysophosphatidylcholine RS, 1801
 USP Phosphatidylcholine RS, 1801
 USP Phosphatidylethanolamine RS, 1801
n-Eicosane, 2445
 Eicosanol, 2445
 Elemental contaminants in dietary supplements ⟨2232⟩, 821
 Elemental impurities—procedures ⟨233⟩, 93
 Eleuthero, 1085
 USP Powdered Eleuthero Extract RS, 1085
 USP Eleutheroside B RS, 1085
 USP Eleutheroside E RS, 1085
 Eleuthero extract, powdered, 1088
 USP Powdered Eleuthero Extract RS, 1088
 USP Eleutheroside B RS, 1088
 USP Eleutheroside E RS, 1088
 Eleuthero, powdered, 1086
 USP Powdered Eleuthero Extract RS, 1086
 USP Eleutheroside B RS, 1086
 USP Eleutheroside E RS, 1086
 Elm, 1089
 Enzyme preparations, 2040
 Eosin Y, 2445, 2488
 TS, 2495
 Epiandrosterone, 2445
 Equilenin, 2445
 Ergocalciferol, 1090
 USP Ergocalciferol RS, 1090
 USP Ergosterol RS, 1090
 USP Vitamin D Assay System Suitability RS, 1090
 Ergocalciferol capsules, 1091
 USP Ergocalciferol RS, 1091
 USP Vitamin D Assay System Suitability RS, 1091
 Ergocalciferol oral solution, 1092
 USP Ergocalciferol RS, 1092
 Ergocalciferol tablets, 1093
 USP Ergocalciferol RS, 1093
 α -Ergocryptine, 2445
 Eriochrome
 black T, 2488

black TS, 2495
 black T–sodium chloride indicator, 2445
 black T trituration, 2488
 cyanine R, 2445
 cyanine TS, 2495
 Erythorbic acid, 1802
 USP Erythorbic Acid RS, 1802
 Erythritol, 1803
 USP Erythritol RS, 1803
 Escin, 2445
 Ethanesulfonic acid, 2445
 Ethanol
 see Alcohol, 1742
 Ether, peroxide-free, 2445
 Ethidium bromide, 2445
 4'-Ethoxyacetophenone, 2445
 2-Ethoxyethanol, 2445
 Ethyl
 acetate, 2445
 acrylate, 2445
 alcohol, 2045, 2445
 arachidate, 2445
 benzoate, 2445
 cyanoacetate, 2445
 ether, 2445
 ether, anhydrous, 2446
 oleate, 1806
 salicylate, 2446
 Ethyl acetate, 1804
 USP Ethyl Acetate RS, 1804
 2-Ethylaminopropiophenone hydrochloride, 2446
 4-Ethylbenzaldehyde, 2446
 Ethylbenzene, 2446
 Ethylcellulose, 1806
 USP Ethylcellulose RS, 1806
 Ethylene
 dichloride, 2446
 glycol, 2446
 oxide in methylene chloride (50 mg/mL), 2446
 Ethylenediamine, 2446
 Ethylene oxide and dioxane (228), 89
 N-Ethylmaleimide, 2446
 Ethyl maltol, 1805
 USP Ethyl Maltol RS, 1805
 2-Ethyl-2-methylsuccinic acid, 2446
 1-Ethylquinaldinium iodide, 2446
 Ethyl vanillin, 1806
 USP Ethyl Vanillin RS, 1806
 Eucalyptol, 1094
 USP Eucalyptol RS, 1094
 Eucalyptus oil, 2046
 Eugenol, 1094
 USP Eugenol RS, 1094
 Evaluation of the inner surface durability of glass containers (1660), 677
 Evening primrose oil, 1095
 Excipients
 USP and NF, listed by category, 1725

Extract
 American ginseng, powdered, 865
 andrographis, powdered, 874
 ashwagandha root, powdered, 885
 Asian ginseng, powdered, 889
 Aztec marigold zeaxanthin extract, 894
Bacillus subtilis subsp. *subtilis* menaquinone-7, 1274
 bacopa, powdered, 899
 banaba leaf dry, 903
 beef, 2427
 bilberry, powdered, 913
 black cohosh, powdered, 923
 black pepper, powdered, 931
Boswellia serrata, 936
 cascara fluidextract, aromatic, 988
 cascara sagrada, 986
 cascara sagrada fluidextract, 988
 cat's claw, powdered, 996
Centella asiatica, powdered, 1003
 chaste tree, powdered, 1013
 clover, red, powdered, 1355
Echinacea angustifolia, powdered, 1065
Echinacea pallida, powdered, 1072
Echinacea purpurea, powdered, 1077
 eleuthero, powdered, 1088
 forskohlii, powdered, 1122
 garcinia hydroxycitrate, powdered, 1133
 garlic, powdered, 1142
 garlic fluidextract, 1143
 ginkgo, powdered, 1156
 goldenseal, powdered, 1182
 grape skin, 2065
 green tea, decaffeinated, powdered, 1185
 guggul, native, 1189
 guggul, purified, 1190
 gymnema, native, 1194
 gymnema, purified, 1197
 holy basil leaf powdered, 1207
 horse chestnut, powdered, 1211
 licorice, powdered, 1231
 licorice fluidextract, 1232
 Malabar-nut-tree, leaf, powdered, 1259
 maritime pine, 1264
 milk thistle, powdered, 1284
 monk fruit, 2113
 ox bile, 2127
 pygeum, 1344
Rhodiola rosea powdered, 1367
 rosemary leaf, dry aqueous, 1370
 saw palmetto, 1387
 senna fluidextract, 1401
 soy isoflavones, powdered, 1415
 St. John's wort, powdered, 1381
 stinging nettle, powdered, 1424
 Tienchi ginseng root and rhizome, dry, 1434

tomato, containing lycopene, 1242
 turmeric, powdered, 1443
 valerian, powdered, 1454
 yeast, 2486

F

Factor X_a (activated factor X) for anti-factor X_a test, 2446
 Fast
 blue B salt, 2446
 blue BB salt, 2446
 green FCF, 2446
 Fats and fixed oils (401), 109
 FD&C blue no. 1, 2446
 Fennel oil, 1808, 2047
 Ferric
 ammonium citrate, 2447
 ammonium citrate, brown, 2048
 ammonium citrate, green, 2049
 ammonium sulfate, 2447
 ammonium sulfate, tenth-normal (0.1 N), 2503
 ammonium sulfate TS, 2495
 chloride, 2447
 chloride CS, 2491
 chloride TS, 2495
 citrate, 2051
 nitrate, 2447
 phosphate, 2052
 pyrophosphate, 2054
 sodium pyrophosphate, 2161
 sulfate, 2447
 Ferrocypen, 2447
 Ferroin TS, 2495
 Ferrous
 ammonium sulfate, 2447
 ammonium sulfate, tenth-normal (0.1 N), 2503
 citrate, 2056
 glycinate, 2057
 lactate, 2058
 sulfate, 1102, 2447
 sulfate, dried, 1105
 sulfate oral solution, 1104
 sulfate syrup, 1104
 sulfate tablets, 1105
 sulfate TS, 2495
 sulfate, acid, TS, 2495
 Ferrous fumarate, 1095
 USP Fumaric Acid RS, 1095
 Ferrous fumarate tablets, 1097
 Ferrous gluconate, 1098
 USP Potassium Gluconate RS, 1098
 Ferrous gluconate capsules, 1100
 USP Potassium Gluconate RS, 1100
 Ferrous gluconate oral solution, 1101
 USP Potassium Gluconate RS, 1101
 Ferrous gluconate tablets, 1101
 USP Potassium Gluconate RS, 1101
 Ferulic acid, 2447

- Feverfew, 1107
 USP Parthenolide RS, 1107
 USP Rutin RS, 1107
- Feverfew, powdered, 1108
 USP Parthenolide RS, 1108
 USP Rutin RS, 1108
- Fibroblast growth factor-2, 2447
- Filter paper, quantitative, 2447
- Fish oil containing omega-3 acids, 1109
 USP Docosahexaenoic Acid Ethyl Ester RS, 1109
 USP Eicosapentaenoic Acid Ethyl Ester RS, 1109
 USP Fish Oil RS, 1109
 USP Methyl Tricosanoate RS, 1109
- Fish oil containing omega-3 acids capsules, 1112
 USP Docosahexaenoic Acid Ethyl Ester RS, 1112
 USP Eicosapentaenoic Acid Ethyl Ester RS, 1112
 USP Fish Oil RS, 1112
 USP Methyl Tricosanoate RS, 1112
- Fish oil containing omega-3 acids delayed-release capsules, 1115
 USP Docosahexaenoic Acid Ethyl Ester RS, 1115
 USP Eicosapentaenoic Acid Ethyl Ester RS, 1115
 USP Fish Oil RS, 1115
 USP Methyl Tricosanoate RS, 1115
- Flame photometry for reagents, 2417
- Flavoring agents
 angelica root oil, 1964
 angelica seed oil, 1965
 balsam Peru oil, 1987
 bay oil, 1990
 bergamot oil, coldpressed, 1992
 carrot seed oil, 2008
 cedar leaf oil, 2012
 celery seed oil, 2013
 chamomile oil, English type, 2013
 chamomile oil, German type, 2014
 cinnamon bark oil, Ceylon type, 2015
 cinnamon leaf oil, 2016
 clove leaf oil, 2018
 clove oil, 2019
 clove stem oil, 2020
 coriander oil, 2021
 costus root oil, 2022
 cubeb oil, 2023
 cumin oil, 2024
 dill seed oil, European type, 2034
 dill seed oil, Indian type, 2035
 dillweed oil, American type, 2036
 eucalyptus oil, 2046
 fennel oil, 2047
 garlic oil, 2060
 ginger oil, 2062
 grapefruit oil, coldpressed, 2066
 hops oil, 2067
- juniper berries oil, 2077
 laurel leaf oil, 2084
 lavender oil, 2085
 lemongrass oil, 2088
 lemon oil, desert type, coldpressed, 2086
 lemon oil, distilled, 2087
 lime oil, cold-pressed, 2090
 lime oil, distilled, 2092
 lovage oil, 2094
 mace oil, 2097
 mandarin oil, cold-pressed, 2103
 marjoram oil, Spanish type, 2106
 marjoram oil, sweet, 2107
 menthyl acetate, racemic, 2112
 mustard oil, 2115
 myrrh oil, 2116
 nutmeg oil, 2119
 olibanum oil, 2120
 onion oil, 2121
 orange oil, bitter, cold-pressed, 2122
 orange oil, cold-pressed, 2123
 orange oil, distilled, 2124
 organum oil, Spanish type, 2125
 orris root oil, 2126
 parsley herb oil, 2129
 parsley seed oil, 2129
 peppermint oil, 2130
 petitgrain oil, Paraguay type, 2132
 pimenta leaf oil, 2134
 pimenta oil, 2135
 pine needle oil, dwarf, 2136
 pine needle oil, Scotch type, 2137
 rose oil, 2150
 rosemary oil, 2151
 rue oil, 2152
 sage oil, Dalmatian type, 2153
 sage oil, Spanish type, 2154
 sandalwood oil, East Indian type, 2155
 savory oil (summer variety), 2156
 spearmint oil, 2179
 spike lavender oil, 2180
 tangerine oil, coldpressed, 2193
 tarragon oil, 2195
 thyme oil, 2197
 thymol, 2198
 wintergreen oil, 2220
- Flax seed oil, 1116
 Flax seed oil capsules, 1116
 USP Flax Seed Oil RS, 1116
 USP Methyl Linoleate RS, 1116
 USP Methyl Linolenate RS, 1116
 USP Methyl Oleate RS, 1116
- Fluorene, 2447
 9-Fluorenylmethyl chloroformate, 2447
 Fluorescamine, 2447
 Fluorescence spectroscopy (853), 337
 Fluorescence spectroscopy—theory and practice (1853), 761
- 4'-Fluoroacetophenone, 2448
 Folic acid, 1118
 USP Folic Acid RS, 1118
 Folic acid assay (411), 123
 Folic acid tablets, 1119
 USP Folic Acid RS, 1119
 USP Folic Acid Related Compound A RS, 1119
- Folin-ciocalteu phenol TS, 2495
- Formaldehyde
 solution, 2448
- Formamide, 2448
 anhydrous, 2448
- Formic acid, 2448
 96 percent, 2448
 anhydrous, 2448
- Forskohlii, 1119
 USP Powdered Forskohlii Extract RS, 1119
 USP Forskolin RS, 1119
- Forskohlii extract, powdered, 1122
 USP Powdered Forskohlii Extract RS, 1122
 USP Forskolin RS, 1122
- Forskohlii, powdered, 1121
 USP Powdered Forskohlii Extract RS, 1121
 USP Forskolin RS, 1121
- Fuchsin
 basic, 2448
 pyrogallol TS, 2495
 –sulfurous acid TS, 2495
- Fuller's earth, chromatographic, 2448
- Fumarate sodium, 2163
- Fumaric acid, 1808
 USP Fumaric Acid RS, 1808
 USP Maleic Acid RS, 1808
- Furfural, 2448
- ## G
- G designations, 2448
- Gadolinium
 (Gd III) acetate hydrate, 2448
 sulfate, 2448
- Galageenan, 1809
- Gamma cyclodextrin, 1797
 USP Alpha Cyclodextrin RS, 1797
 USP Beta Cyclodextrin RS, 1797
 USP Dextrose RS, 1797
 USP Gamma Cyclodextrin RS, 1797
- Ganoderma Lucidum* fruiting body, 1124
 USP Dextrose RS, 1124
 USP Ergosterol RS, 1124
 USP L-Fucose RS, 1124
 USP Galactose RS, 1124
 USP Ganoderic Acid A RS, 1124
 USP *Ganoderma Lucidum* Fruiting Body Powdered Extract RS, 1124
 USP Mannose RS, 1124

- Ganoderma Lucidum* fruiting body powder, 1127
USP Dextrose RS, 1127
USP Ergosterol RS, 1127
USP L-Fucose RS, 1127
USP Galactose RS, 1127
USP Ganoderic Acid A RS, 1127
USP D-Glucuronic Acid RS, 1127
USP *Ganoderma Lucidum* Fruiting Body Powdered Extract RS, 1127
USP Mannose RS, 1127
- Garcinia cambogia*, 1131
USP Calcium (–)-Hydroxycitrate RS, 1131
USP Citric Acid RS, 1131
USP Powdered *Garcinia Hydroxycitrate* Extract RS, 1131
- Garcinia cambogia*, powdered, 1132
USP Calcium (–)-Hydroxycitrate RS, 1132
USP Citric Acid RS, 1132
USP Powdered *Garcinia Hydroxycitrate* Extract RS, 1132
- Garcinia hydroxycitrate* extract, powdered, 1133
USP Calcium (–)-Hydroxycitrate RS, 1133
USP Citric Acid RS, 1133
USP Powdered *Garcinia Hydroxycitrate* Extract RS, 1133
- Garcinia indica*, 1135
USP Calcium (–)-Hydroxycitrate RS, 1135
USP Citric Acid RS, 1135
USP Powdered *Garcinia Hydroxycitrate* Extract RS, 1135
- Garcinia indica*, powdered, 1136
USP Calcium (–)-Hydroxycitrate RS, 1136
USP Citric Acid RS, 1136
USP Powdered *Garcinia Hydroxycitrate* Extract RS, 1136
- Garlic, 1138
USP Agigenin RS, 1138
USP Alliin RS, 1138
USP β -Chlorogenin RS, 1138
USP γ -Glutamyl-(*S*)-allyl-L-cysteine RS, 1138
USP L-Methionine RS, 1138
- Garlic delayed-release tablets, 1144
USP Alliin RS, 1144
USP L-Methionine RS, 1144
- Garlic extract, powdered, 1142
USP Alliin RS, 1142
USP L-Methionine RS, 1142
- Garlic fluidextract, 1143
USP *S*-Allyl-L-cysteine RS, 1143
- Garlic oil, 2060
- Garlic, powdered, 1140
USP Agigenin RS, 1140
USP Alliin RS, 1140
USP β -Chlorogenin RS, 1140
USP γ -Glutamyl-(*S*)-allyl-L-cysteine RS, 1140
- USP L-Methionine RS, 1140
- Gastric fluid, simulated, TS, 2495
- Gel
gelatin, 1810
gelatin TS, 2495
silica, 2470
silica, binder-free, 2470
silica, chromatographic, 2470
silica, impregnated glass microfiber sheet, 2470
silica mixture, chromatographic, 2470
silica mixture, chromatographic, with chemically bound amino groups, 2470
silica mixture, dimethylsilanized, chromatographic, 2471
silica mixture, octadecylsilanized chromatographic, 2471
silica mixture, octylsilanized, chromatographic, 2471
silica, octadecylsilanized chromatographic, 2470
silica, porous, 2470
- Gelatin, 1810
TS, 2495
- Gellan gum, 2060
- USP–NF General Chapters, 25
- General notices and requirements, 13
- General provisions and requirements applying to specifications, tests, and assays of the *Food Chemicals Codex*, 1939
- General tests for reagents, 2416
- Geneticin, 2448
- Ginger, 1146
USP Capsaicin RS, 1146
USP Ginger Constituent Mixture RS, 1146
USP Powdered Ginger RS, 1146
- Ginger capsules, 1150
USP Capsaicin RS, 1150
USP Ginger Constituent Mixture RS, 1150
- USP Powdered Ginger RS, 1150
- Ginger, powdered, 1148
USP Capsaicin RS, 1148
USP Ginger Constituent Mixture RS, 1148
USP Powdered Ginger RS, 1148
- Ginger tincture, 1152
USP Capsaicin RS, 1152
USP Ginger Constituent Mixture RS, 1152
USP Powdered Ginger RS, 1152
- Ginkgo, 1153
USP Chlorogenic Acid RS, 1153
USP Ginkgo Terpene Lactones RS, 1153
USP Isorhamnetin RS, 1153
USP Kaempferol RS, 1153
USP Quercetin RS, 1153
USP Rutin RS, 1153
- Ginkgo capsules, 1159
USP Ginkgo Terpene Lactones RS, 1159
USP Isorhamnetin RS, 1159
USP Kaempferol RS, 1159
USP Quercetin RS, 1159
- Ginkgo extract, powdered, 1156
USP Chlorogenic Acid RS, 1156
USP Ginkgolic Acids RS, 1156
USP Ginkgo Terpene Lactones RS, 1156
USP Isorhamnetin RS, 1156
USP Kaempferol RS, 1156
USP Quercetin RS, 1156
USP Rutin RS, 1156
- Ginkgo tablets, 1161
USP Ginkgo Terpene Lactones RS, 1161
USP Isorhamnetin RS, 1161
USP Kaempferol RS, 1161
USP Quercetin RS, 1161
- Ginseng
see American ginseng, 862
see Asian ginseng, 886
Tienchi, root and rhizome, 1432
Tienchi, root and rhizome dry extract, 1434
Tienchi, root and rhizome powder, 1436
- Gitoxin, 2448
- Glass wool, 2448
- Globulin
reagent, anti-human, 2426
- D-Gluconic acid, 50 percent in water, 2448
- Glucosamine hydrochloride, 1165
USP Glucosamine Hydrochloride RS, 1165
- Glucosamine tablets, 1165
USP Glucosamine Hydrochloride RS, 1165
- Glucosamine and chondroitin sulfate sodium tablets, 1163
USP Chondroitin Sulfate Sodium RS, 1163
USP Glucosamine Hydrochloride RS, 1163
- Glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane tablets, 1170
USP Chondroitin Sulfate Sodium RS, 1170
USP Glucosamine Hydrochloride RS, 1170
USP Methylsulfonylmethane RS, 1170
- Glucosamine and methylsulfonylmethane tablets, 1168
USP Glucosamine Hydrochloride RS, 1168
USP Methylsulfonylmethane RS, 1168

- Glucosamine sulfate potassium chloride, 1166
 USP Glucosamine Hydrochloride RS, 1166
- Glucosamine sulfate sodium chloride, 1167
 USP Glucosamine Hydrochloride RS, 1167
- Glucose, 2448
 oxidase-chromogen TS, 2495
- Ganoderma Lucidum* fruiting body
 USP D-Glucuronic Acid RS, 1124
- D-Glucuronolactone, 2448
- Glutamic acid, 1172, 2448
 USP Aspartic Acid RS, 1172
 USP Glutamic Acid RS, 1172
- L-Glutamic acid hydrochloride, 1812, 2062
 USP L-Glutamic Acid, Hydrochloride RS, 1812
- L-Glutamic acid, 2448
- Glutamine, 1173
 USP Glutamine RS, 1173
- L-Glutamine, 2448
- Glutathione, 1174
 USP Ascorbic Acid RS, 1174
 USP Glutathione RS, 1174
 USP L-Phenylalanine RS, 1174
- Glycerin, 1175, 2448
 USP Diethylene Glycol RS, 1175
 USP Ethylene Glycol RS, 1175
 USP Glycerin RS, 1175
- Glycerin base TS, 2495
- Glycerophosphate potassium, 2139
- Glyceryl behenate
 see Glyceryl dibehenate, 1812
- Glyceryl dibehenate, 1812
 USP Glyceryl Dibehenate RS, 1812
 USP Glycerin RS, 1812
- Glyceryl monooleate, 1813
 USP Glyceryl Monooleate 40% RS, 1813
 USP Glyceryl Monooleate 90% RS, 1813
- Glyceryl monostearate, 1815
- Glyceryl tristearate, 1816
 USP Glyceryl Distearate RS, 1816
 USP Methyl Myristate RS, 1816
 USP Methyl Oleate RS, 1816
 USP Methyl Stearate RS, 1816
- Glycine, 1176
 USP Glycine RS, 1176
- Glycolic acid, 2448
- Glycol propylene, mono- and diesters, 2145
- Glycyl-L-Glutamine, 1177
 USP L-Alanyl-L-alanine RS, 1177
 USP L-Alanyl-L-glutamine RS, 1177
 USP Glutamine RS, 1177
 USP Glycine RS, 1177
 USP Glycyl-L-glutamine RS, 1177
- Glycyl-L-tyrosine, 1179
 USP Alanyl-L-alanine RS, 1179
- Glycyl-L-tyrosine
 USP L-Alanyl-L-glutamine RS, 1179
 USP Glycine RS, 1179
 USP Glycyl-L-tyrosine RS, 1179
 USP L-Tyrosine RS, 1179
- Gold, 2064
 chloride, 2449
 chloride TS, 2495
- Goldenseal, 1180
 USP Berberine Chloride RS, 1180
 USP Hydrastine RS, 1180
- Goldenseal extract, powdered, 1182
 USP Berberine Chloride RS, 1182
 USP Hydrastine RS, 1182
- Goldenseal, powdered, 1181
 USP Berberine Chloride RS, 1181
 USP Hydrastine RS, 1181
- Good packaging practices (1177), 589
- Good repackaging practices (1178), 591
- Grapefruit oil, coldpressed, 2066
- Grape seeds oligomeric proanthocyanidins, 1183
 USP (+)-Catechin RS, 1183
 USP Purified Grape Seeds Oligomeric Proanthocyanidins RS, 1183
 USP Grape Seeds Oligomeric Proanthocyanidins RS, 1183
- Grape skin extract, 2065
- Green
 brilliant, 2430
 FCF, fast, 2446
- Green tea extract, powdered decaffeinated, 1185
 USP Caffeine RS, 1185
 USP (-)-Epigallocatechin-3-O-gallate RS, 1185
 USP Powdered Decaffeinated Green Tea Extract RS, 1185
- Ground limestone, 1232
 USP Sodium Fluoride RS, 1232
- Guaiacol, 2449
- Guanidine hydrochloride, 2449
- Guanidine isothiocyanate, 2449
- Guanine hydrochloride, 2449
- Guar gum, 1818
 USP Galactose RS, 1818
 USP Mannose RS, 1818
- Guggul, 1187
 USP Purified Guggul Extract RS, 1187
 USP Guggulsterone Z RS, 1187
- Guggul extract, native, 1189
 USP Purified Guggul Extract RS, 1189
 USP Guggulsterone Z RS, 1189
- Guggul extract, purified, 1190
 USP Purified Guggul Extract RS, 1190
 USP Guggulsterone Z RS, 1190
- Guggul tablets, 1191
 USP Purified Guggul Extract RS, 1191
 USP Guggulsterone Z RS, 1191
- Gymnema, 1192
 USP Native Gymnema Extract RS, 1192
 USP Gymnemagenin RS, 1192
- Gymnema extract, native, 1194
 USP Native Gymnema Extract RS, 1194
 USP Gymnemagenin RS, 1194
- Gymnema extract, purified, 1197
 USP Native Gymnema Extract RS, 1197
 USP Gymnemagenin RS, 1197
- Gymnema, powdered, 1195
 USP Native Gymnema Extract RS, 1195
 USP Gymnemagenin RS, 1195
- ## H
- Hawthorn leaf with flower, 1198
 USP Hyperoside RS, 1198
 USP Quercetin RS, 1198
 USP Vitexin RS, 1198
- Hawthorn leaf with flower, powdered, 1200
 USP Hyperoside RS, 1200
 USP Quercetin RS, 1200
 USP Vitexin RS, 1200
- Heavy metals (231), 91
- Heavy metals in reagents, 2418
- Helium
 oxygen certified standard, 2460
- Hematein, 2449
- Hematoxylin, 2449
 TS, Delafield's, 2494
- Hemoglobin, bovine, 2449
- 1-Heptadecanol, 2449
- Heptafluorobutyric acid, 2449
- Heptakis(2,6-di-O-methyl)- β -cyclodextrin, 2449
- n*-Heptane, 2449
 chromatographic, 2449
- Heptyl *p*-hydroxybenzoate, 2449
- Hexadecyl hexadecanoate, 2449
- Hexadimethrine bromide, 2449
- Hexamethyldisilazane, 2449
- Hexamethyleneimine, 2449
- Hexane, solvent, 2449
 chromatographic, 2449
- Hexanes, 2449
- Hexanitrodiphenylamine, 2450
- Hexanophenone, 2450
- Hexylamine, 2450
- High-performance thin-layer chromatography procedure for identification of articles of botanical origin (203), 84
- Histamine dihydrochloride, 2450

- Histidine, 1202
 USP L-Histidine RS, 1202
 USP L-Proline RS, 1202
 L-Histidine hydrochloride monohydrate, 2450
 Holy basil leaf, 1203
 USP Powdered Holy Basil Extract RS, 1203
 USP Rosmarinic Acid RS, 1203
 USP Ursolic Acid RS, 1203
 Holy basil leaf extract, powdered, 1207
 USP Powdered Holy Basil Extract RS, 1207
 USP Rosmarinic Acid RS, 1207
 USP Ursolic Acid RS, 1207
 Holy basil leaf, powdered, 1205
 USP Powdered Holy Basil Extract RS, 1205
 USP Rosmarinic Acid RS, 1205
 USP Ursolic Acid RS, 1205
 Honey, purified, 1819
 USP L-Proline RS, 1819
 Hops oil, 2067
 Horse chestnut, 1209
 USP Escin RS, 1209
 Horse chestnut extract, powdered, 1211
 USP Escin RS, 1211
 Horse chestnut, powdered, 1210
 USP Escin RS, 1210
 Horseradish peroxidase conjugated to goat anti-mouse IgG, 2450
 Hydrazine
 dihydrochloride, 2450
 hydrate, 85% in water, 2450
 sulfate, 2450
 Hydrindantin, 2450
 Hydriodic acid, 2450
 Hydrobromic acid, 2450
 Hydrochloric acid, 1820, 2450
 alcoholic, tenth-molar (0.1M), 2503
 buffer, 2490
 diluted, 2450
 half-normal (0.5 N), 2503
 half-normal (0.5 N) in methanol, 2503
 normal (1 N), 2503
 TS, 2495
 TS, diluted, 2495
 Hydrochloride
 Nile blue, 2488
 Hydrocodone diol, 2450
 Hydrofluoric acid, 2450
 Hydrogen
 peroxide, 10 percent, 2450
 peroxide, 30 percent, 2450
 peroxide, 30 percent, unstabilized, 2450
 peroxide, 50 percent in water, 2450
 peroxide solution, 2450
 peroxide TS, 2495
 sulfide, 2450
 sulfide detector tube, 2450
 sulfide TS, 2495
 Hydroquinone, 2450
 Hydroxocobalamin, 1213
 USP Hydroxocobalamin Chloride RS, 1213
 Hydroxy naphthol blue, 2450
 25-Hydroxycholecalciferol
 see Calcifediol, 938
 25-Hydroxy vitamin D
 see Calcifediol, 938
 3'-Hydroxyacetophenone, 2450
 4'-Hydroxyacetophenone, 2451
p-Hydroxybenzoic acid, 2451
 4-Hydroxybenzoic acid isopropyl ester, 2451
 2-Hydroxybenzyl alcohol, 2451
 4-Hydroxybutane-1-sulfonic acid, 2451
 4-Hydroxy-2-butanone, 2450
N-(2-Hydroxyethyl)piperazine-*N'*-(2-ethanesulfonic acid), 2451
 Hydroxylamine hydrochloride, 2451
 TS, 2495
 10 β -Hydroxynorandrostenedione, 2451
 2'-(4-Hydroxyphenyl)-5-(4-methyl-1-piperazinyl)-2,5'-bi-1*H*-benzimidazole trihydrochloride pentahydrate, 2451
 4-(4-Hydroxyphenyl)-2-butanone, 2451
 3-Hydroxyphenyldimethylethyl ammonium chloride, 2451
 D- α -4-Hydroxyphenylglycine, 2451
 Hydroxypropyl- β -cyclodextrin, 2451
 Hydroxypropyl cellulose, 1820
 USP Hydroxypropyl Cellulose RS, 1820
 Hydroxypropyl corn starch, pregelatinized, 1913
 USP Propylene Glycol RS, 1913
 Hydroxypropyl pea starch, pregelatinized, 1916
 USP Propylene Glycol RS, 1916
 Hydroxypropyl potato starch, pregelatinized, 1918
 USP Propylene Glycol RS, 1918
 8-Hydroxyquinoline, 2451
 TS, 2496
Hypericum perforatum
 see St. John's wort, 1377
 Hypophosphorous acid, 50 percent, 2451
 Hypoxanthine, 2451
- I**
 Identification of articles of botanical origin (563), 177
 Identification of articles of botanical origin using high-performance thin-layer chromatography procedure (1064), 486
 Identification of fixed oils by thin-layer chromatography (202), 82
 USP Almond Oil RS, 82
 USP Borage Seed Oil RS, 82
 USP Canola Oil RS, 82
 USP Corn Oil RS, 82
 USP Cottonseed Oil RS, 82
 USP Evening Primrose Oil RS, 82
 USP Flax Seed Oil RS, 82
 USP Olive Oil RS, 82
 USP Palm Oil RS, 82
 USP Peanut Oil RS, 82
 USP Safflower Oil RS, 82
 USP Sesame Oil RS, 82
 USP Soybean Oil RS, 82
 USP Sunflower Oil RS, 82
 Identification—organic nitrogenous bases (181), 77
 Identification tests—general (191), 77
 IgG-coated red cells, 2451
 Imidazole, 2451
 Impurities in official articles (1086), 505
 Indene, 2451
 Indicator and test papers, 2488
 Indicators, 2487
 indicator papers, 2488
 test papers, 2488
 Indicator test solutions, 2491
 Indigo carmine, 2451
 TS, 2496
 Indole, 2451
 Indole-3-carboxylic acid, 2451
 Indophenol-acetate TS, 2496
 Inosine, 2451
 Inositol, 2068, 2451
 Insoluble matter in reagents, 2419
 Intestinal fluid, simulated, TS, 2496
 Intrinsic viscosity table, 2602
 Iobenguane
 sulfate, 2452
 Iodate
 potassium, 2139
 Iodic acid, 2452
 Iodine, 1214, 2452
 diluted TS, 2496
 hundredth-normal (0.01 N), 2504
 monobromide, 2452
 monochloride, 2452
 monochloride TS, 2496
 and potassium iodide TS 1, 2496
 and potassium iodide TS 2, 2496
 and potassium iodide TS 3, 2496
 tenth-normal (0.1 N), 2504
 TS, 2496
 twentieth-normal (0.05 N), 2504
 Iodobromide TS, 2496
 Iodochloride TS, 2496
 Iodoethane, 2452
p-Iodonitrotetrazolium violet, 2452
 Iodoplatinate TS, 2496
 Ion chromatography (1065), 495

Ion-exchange resin, 2452

Iron

- carbonyl, 1215
- electrolytic, 2069
- phenol TS, 2496
- reduced, 2071
- salicylate TS, 2496
- wire, 2452

Iron (241), 97

Isobutyl

- acetate, 2452
- alcohol, 2452

4-Isobutylacetophenone, 2452

N-Isobutylpiperidone, 2452

Isoflupredone acetate, 2452

Isoleucine, 1215

- USP L-Isoleucine RS, 1215
- USP L-Valine RS, 1215

DL-Isoleucine, 2073

L-Isoleucine, 2452

Isomalt, 2074

Isomaltotriose, 2452

Isomaltulose, 2076

Isonicotinic acid, 2452

- hydrazide, 2452

Isopropyl

- acetate, 2452
- alcohol, 2452
- alcohol, dehydrated, 2452
- iodide, 2452
- myristate, 2452
- salicylate, 2452

Isopropylamine, 2453

Isorhamnetin, 2453

Isovaleric acid, 2453

J

Juniper berries oil, 2077

K

Kaempferol, 2453

Kelp, 2078

Kerosene, 2453

Konjac flour, 2079

Krill oil, 1216

- USP Astaxanthin Esters from *Haematococcus pluvialis* RS, 1216
- USP Astaxanthin (Synthetic) RS, 1216
- USP Docosahexaenoic Acid Ethyl Ester RS, 1216
- USP Eicosapentaenoic Acid Ethyl Ester RS, 1216
- USP Krill Oil RS, 1216
- USP Methyl Tricosanoate RS, 1216

Krill oil capsules, 1219

- USP Astaxanthin Esters from *Haematococcus pluvialis* RS, 1219
- USP Astaxanthin (Synthetic) RS, 1219

USP Docosahexaenoic Acid Ethyl Ester RS, 1219

USP Eicosapentaenoic Acid Ethyl Ester RS, 1219

USP Krill Oil RS, 1219

USP Methyl Tricosanoate RS, 1219

Krill oil delayed-release capsules, 1222

USP Astaxanthin Esters from *Haematococcus pluvialis* RS, 1222

USP Astaxanthin (Synthetic) RS, 1222

USP Docosahexaenoic Acid Ethyl Ester RS, 1222

USP Eicosapentaenoic Acid Ethyl Ester RS, 1222

USP Krill Oil RS, 1222

USP Methyl Tricosanoate RS, 1222

L

L designations, 2453

alpha-Lactalbumin, 1826, 2080

USP Alpha-Lactalbumin RS, 1826

Lactase, 1225

USP Lactase RS, 1225

Lactate

potassium solution, 2140

Lactitol, 1830

USP Lactitol RS, 1830

Lactose, 2453

Lactose, anhydrous, 1831

USP Anhydrous Lactose RS, 1831

USP Dextrose RS, 1831

USP Fructose RS, 1831

USP Sucrose RS, 1831

Lactose, beta, 2453

Lactose monohydrate, 1832

USP Dextrose RS, 1832

USP Fructose RS, 1832

USP Lactose Monohydrate RS, 1832

USP Sucrose RS, 1832

Lactose monohydrate, alpha, 2453

Lagerstroemia speciosa

see Banaba leaf, 901

Lanthanum

alizarin complexan mixture, 2453

chloride, 2453

nitrate hexahydrate, 2453

nitrate TS, 2496

oxide, 2453

Laurel leaf oil, 2084

Lauric acid, 1833

USP Lauric Acid RS, 1833

Lauryl dimethyl amine oxide, 2453

Lavender oil, 2085

Lead

acetate, 2453

acetate paper, 2453

acetate test paper, 2489

acetate TS, 2496, 2496

acetate TS, alcoholic, 2496

monoxide, 2453

nitrate, 2453

nitrate, hundredth-molar (0.01 M), 2504

nitrate stock solution TS, 2496

perchlorate, 2453

perchlorate, hundredth-molar (0.01 M), 2504

perchlorate, tenth-molar (0.1 M), 2504

solution, standard, 2500

subacetate TS, 2496

subacetate TS, diluted, 2496

subacetate TS, diluted, 2496

tetraacetate, 2453

Lead (251), 98

Lecithin, 1834

USP Lysophosphatidylcholine (Soy) RS, 1834

USP Phosphatidic Acid (Soy) Monosodium RS, 1834

USP Phosphatidylcholine (Soy) RS, 1834

USP Phosphatidylethanolamine (Soy) RS, 1834

USP Phosphatidylinositol (Soy) Sodium RS, 1834

Lemon

oil, 1836

oil, desert type, coldpressed, 2086

oil, distilled, 2087

Lemongrass oil, 2088

Leucine, 1226

USP L-Leucine RS, 1226

USP L-Valine RS, 1226

DL-Leucine, 2089

Levocarnitine, 1226

USP Levocarnitine RS, 1226

Levocarnitine oral solution, 1228

USP Levocarnitine RS, 1228

Levocarnitine tablets, 1228

USP Levocarnitine Related Compound A RS, 1228

USP Levocarnitine RS, 1228

Licorice, 1229

USP Glycyrrhizic Acid RS, 1229

Licorice extract, powdered, 1231

USP Glycyrrhizic Acid RS, 1231

Licorice fluidextract, 1232

Licorice, powdered, 1230

USP Glycyrrhizic Acid RS, 1230

Light diffraction measurement of particle size (429), 123

Lime oil

cold-pressed, 2090

distilled, 2092

Limestone

ground, 1232

Linalool, 2453

Linoleic acid, 2093, 2453

alpha-Lipoic acid, 2453

Lipoic acid, alpha, 1233

USP Alpha Lipoic Acid RS, 1233

Lipoic acid capsules, alpha, 1234
 USP Alpha Lipoic Acid RS, 1234
 Lipoic acid tablets, alpha, 1235
 USP Alpha Lipoic Acid RS, 1235
 Liquid petrolatum, 2454
 Lithium
 chloride, 2454
 hydroxide, 2454
 metaborate, 2454
 methoxide, fiftieth-normal (0.02 N) in methanol, 2504
 methoxide, tenth-normal (0.1 N) in chlorobenzene, 2504
 methoxide, tenth-normal (0.1 N) in methanol, 2504
 methoxide, tenth-normal (0.1 N) in toluene, 2505
 nitrate, 2454
 perchlorate, 2454
 sulfate, 2454
 Lithocholic acid, 2454
 Litmus, 2454, 2488
 paper, blue, 2489
 paper, red, 2489
 TS, 2496
 Locke-Ringer's
 TS, 2496
 Locust
 bean gum, 2454
 (carob) bean gum, 2094
 Loss on drying (731), 282
 Loss on ignition (733), 283
 Loss on drying
 for reagents, 2419
 Lovage oil, 2094
 Lutein, 1236
 USP Lutein RS, 1236
 Lutein capsules, 1237
 USP Lutein RS, 1237
 Lutein preparation, 1238
 USP Lutein RS, 1238
 Lycopene, 1239
 USP Lycopene RS, 1239
 Lycopene from *Blakeslea trispora*, 2095
 USP Lycopene RS, 2095
 Lycopene preparation, 1240
 USP Lycopene RS, 1240
 Lycopene, tomato extract containing, 1242
 USP Tomato Extract Containing Lycopene RS, 1242
 USP Lycopene RS, 1242
 Lysine acetate, 1244
 USP Arginine Hydrochloride RS, 1244
 USP L-Lysine Acetate RS, 1244
 Lysine hydrochloride, 1245
 USP Arginine Hydrochloride RS, 1245
 USP L-Lysine Hydrochloride RS, 1245
 Lysine hydrochloride tablets, 1246
 USP L-Lysine Hydrochloride RS, 1246
 L-Lysine, 2454

M

Mace oil, 2097
 Magnesia
 and calcium carbonate tablets, 947
 mixture TS, 2497
 tablets, 1247
 Magnesium, 2454
 acetate, 2454
 ammonium potassium chloride, hydrate, 2098
 and calcium carbonates oral suspension, 948
 and calcium carbonates tablets, 948
 carbonate, 1247
 chloride, 1248, 2454
 chloride, 0.01 M, 2505
 citrate, 1249
 nitrate, 2454
 oxide, 1252, 2454
 oxide capsules, 1253
 oxide, chromatographic, 2454
 oxide tablets, 1254
 perchlorate, anhydrous, 2454
 phosphate, 1254
 phosphate, dibasic, mixed hydrates, 2101
 phosphate, dibasic, trihydrate, 2102
 phosphate, monobasic, 2103
 silicate, 1837
 silicate, activated, 2454
 silicate, chromatographic, 2454
 sulfate, 1255, 2454
 sulfate, anhydrous, 2454
 sulfate TS, 2497
 Magnesium gluconate, 1250
 USP Potassium Gluconate RS, 1250
 Magnesium gluconate tablets, 1251
 USP Potassium Gluconate RS, 1251
 Magnesium stearate, 1838
 USP Palmitic Acid RS, 1838
 USP Stearic Acid RS, 1838
 Malabar-nut-tree, leaf, 1257
 USP Powdered Malabar-Nut-Tree, Leaf Extract RS, 1257
 USP Vasicine RS, 1257
 Malabar-nut-tree, leaf extract, powdered, 1259
 USP Powdered Malabar-Nut-Tree, Leaf Extract RS, 1259
 USP Vasicine RS, 1259
 Malabar-nut-tree, leaf, powdered, 1258
 USP Powdered Malabar-Nut-Tree, Leaf Extract RS, 1258
 USP Vasicine RS, 1258
 Malachite green
 oxalate, 2488
 TS, 2497
 Maleic acid, 2454
 Malic acid, 1841
 USP Fumaric Acid RS, 1841
 USP Maleic Acid RS, 1841
 USP Malic Acid RS, 1841
 Mallory's stain, 2497
 Maltitol, 1842
 USP Maltitol RS, 1842
 Maltitol solution, 1843
 USP Diethylene Glycol RS, 1843
 USP Ethylene Glycol RS, 1843
 USP Maltitol RS, 1843
 USP Sorbitol RS, 1843
 Maltodextrin, 1845
 USP Dextrose RS, 1845
 Maltol, 1847
 USP Maltol RS, 1847
 Maltotriose, 2454
 Mandarin oil, cold-pressed, 2103
 Manganese
 chloride, 1260
 citrate, 2104
 dioxide, activated, 2454
 glycerophosphate, 2105
 hypophosphite, 2105
 sulfate, 1262
 Manganese gluconate, 1261
 USP Potassium Gluconate RS, 1261
 Manufacturing practices for dietary supplements (2750), 827
 Maritime pine, 1263
 USP Maritime Pine Extract RS, 1263
 Maritime pine extract, 1264
 USP Maritime Pine Extract RS, 1264
 Marjoram oil
 Spanish type, 2106
 sweet, 2107
 Mass spectrometry (736), 288
 Medium-chain triglycerides, 2454
 Melamine, 2454
 Melatonin, 1266
 USP Melatonin Related Compound A RS, 1266
 USP Melatonin RS, 1266
 Melatonin tablets, 1267
 USP Melatonin Related Compound A RS, 1267
 USP Melatonin RS, 1267
 Melting range or temperature (741), 294
 Members of the Expert Committees, v
 Members of USP Staff, ix
 Menaquinone-7, 1268
 USP Menaquinone-7 RS, 1268
 Menaquinone-7 *Bacillus subtilis* subsp. *subtilis*, extract
 see *Bacillus subtilis* subsp. *subtilis* menaquinone-7, 1274
 Menaquinone-7 capsules, 1270
 USP Menaquinone-7 RS, 1270
 Menaquinone-7 preparation, 1271
 USP Menaquinone-7 RS, 1271
 Menaquinone-7 tablets, 1273
 USP Menaquinone-7 RS, 1273
 Menhaden oil, refined, 2108

- Menthol, 1275
 USP Menthol RS, 1275
- Menthol lozenges, 1276
 USP Menthol RS, 1276
- Menthyl acetate, racemic, 2112
- 2-Mercaptoethanol, 2454
- Mercuric
 acetate, 2454
 acetate TS, 2497
 ammonium thiocyanate TS, 2497
 bromide, 2454
 bromide test paper, 2489
 bromide TS, alcoholic, 2497
 chloride, 2454
 chloride TS, 2497
 iodide, red, 2454
 iodide, TS, 2497
 nitrate, 2454
 nitrate, tenth-molar (0.1 M), 2505
 nitrate TS, 2497
 oxide, yellow, 2454
 potassium iodide TS, 2497
 potassium iodide TS, alkaline, 2497
 sulfate, 2454
 sulfate TS, 2497
 thiocyanate, 2454
- Mercurous nitrate
 dihydrate, 2454
 TS, 2497
- Mercury, 2454
- Mercury (261), 99
- Mesityl oxide, 2454
- Metanil
 yellow, 2455
- Metaphenylenediamine hydrochloride, 2455
 TS, 2497
- Metaphosphoric
 -acetic acid TS, 2497
 acid, 2455
- Methacrylic acid, 2455
- Methanesulfonic acid, 2455
- Methanol, 2455
 aldehyde-free, 2455
 deuterated, 2438
 see Methyl alcohol, 1847
 spectrophotometric, 2455
- Methenamine, 2455
- Methionine, 1277
 USP L-Methionine RS, 1277
 USP L-Serine RS, 1277
- DL-Methionine, 2112
- 5-Methoxy-1*H*-benzimidazole-2-thiol, 2455
- 7-Methoxycoumarin, 2455
- Methoxyethanol, 2455
- 5-Methoxy-2-methyl-3-indoleacetic acid, 2455
- Methoxyphenylacetic acid, 2455
 TS, 2497
- Methyl
 acetate, 2455
 4-aminobenzoate, 2455
 arachidate, 2455
 behenate, 2455
 benzenesulfonate, 2455
 caprate, 2455
 caprylate, 2455
 carbamate, 2455
 chloroform, 2456
 erucate, 2456
 ethyl ketone, 2456
 green, 2456
 green-iodomercurate paper, 2489
 heptadecanoate, 2456
 hexanoate, 2456
 iodide, 2456
 laurate, 2456
 lignocerate, 2456
 linoleate, 2456
 linolenate, 2456
 methacrylate, 2456
 myristate, 2456
 oleate, 2456
 orange, 2488
 orange TS, 2497
 palmitate, 2456
 palmitoleate, 2456
 red, 2456, 2488
 red-methylene blue TS, 2497
 red-methylene blue TS, 2497
 red sodium, 2488
 red TS, 2497
 red TS 2, 2497
 red TS, methanolic, 2497
 stearate, 2456
 yellow, 2457, 2488
 yellow-methylene blue TS, 2497
 yellow paper, 2489
 yellow TS, 2497
- 3-Methyl-2-benzothiazolinone hydrazone hydrochloride TS, 2497
- Methyl alcohol, 1847
 USP Acetone RS, 1847
 USP Methyl Alcohol RS, 1847
- Methylamine
 40 percent in water, 2457
 hydrochloride, 2457
- p*-Methylaminophenol sulfate, 2457
- 4-Methylbenzophenone, 2457
- Methylbenzothiazolone hydrazone hydrochloride, 2457
- (*R*)-(+)- α -Methylbenzyl isocyanate, 2457
- (*S*)-(-)- α -Methylbenzyl isocyanate, 2457
- Methylcobalamin, 1278
 USP Cyanocobalamin RS, 1278
 USP Hydroxocobalamin Acetate RS, 1278
 USP Methylcobalamin RS, 1278
- Methylene
 blue, 2457
 blue TS, 2497
 chloride, 2457
- 5,5'-Methylenedisalicylic acid, 2457
- 3-*O*-Methylestrone, 2457
- L-Methylfolate
 see Calcium L-5-methyltetrahydrofolate, 958
- 2-Methyl-5-nitroimidazole, 2457
- N*-Methyl-*N*-nitroso-*p*-toluenesulfonamide, 2457
- Methylparaben, 1849
 USP Methylparaben RS, 1849
- 4-Methylpentan-2-ol, 2457
- 2-Methylpentane, 2457
- 4-Methyl-2-pentanone, 2457
- 2-Methyl-2-propyl-1,3-propanediol, 2457
- Methyl *p*-toluenesulfonate, 2457
- N*-Methylpyrrolidine, 2457
- Methylpyrrolidone, 1850
 USP Methylpyrrolidone RS, 1850
- Methyl salicylate, 1848
 USP Methyl Salicylate RS, 1848
- Methylsulfonylmethane, 1279
 USP Dimethyl Sulfoxide RS, 1279
 USP Methylsulfonylmethane RS, 1279
- Methylsulfonylmethane and glucosamine tablets, 1168
- Methylsulfonylmethane glucosamine, and chondroitin sulfate sodium tablets
 see Glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane tablets, 1170
- Methylsulfonylmethane tablets, 1280
 USP Methylsulfonylmethane RS, 1280
- Methylthionine perchlorate TS, 2497
- Microbial enumeration tests—nutritional and dietary supplements (2021), 789
- Microbial identification (1113), 536
- Microbiological attributes of nonsterile nutritional and dietary supplements (2023), 800
- Microbiological examination of nonsterile products
 microbial enumeration tests (61), 41
 tests for specified microorganisms (62), 48
- Microbiological good laboratory practices (1117), 548
- Microbiological procedures for absence of specified microorganisms—nutritional and dietary supplements (2022), 794
- Middle infrared spectroscopy—theory and practice (1854), 771
- Mid-infrared spectroscopy (854), 343
- Milk thistle, 1280
 USP Powdered Milk Thistle Extract RS, 1280

- USP Silybin RS, 1280
 USP Silydianin RS, 1280
 Milk thistle capsules, 1285
 USP Powdered Milk Thistle Extract RS, 1285
 USP Silybin RS, 1285
 USP Silydianin RS, 1285
 Milk thistle extract, powdered, 1284
 USP Powdered Milk Thistle Extract RS, 1284
 USP Silybin RS, 1284
 USP Silydianin RS, 1284
 Milk thistle, powdered, 1282
 USP Powdered Milk Thistle Extract RS, 1282
 USP Silybin RS, 1282
 USP Silydianin RS, 1282
 Milk thistle tablets, 1287
 USP Powdered Milk Thistle Extract RS, 1287
 USP Silybin RS, 1287
 USP Silydianin RS, 1287
 Millon's reagent, 2497
 Mineral acid, 2457
 Minerals
 calcium and vitamin D with, tablets, 975
 oil- and water-soluble vitamins with, capsules, 1562
 oil- and water-soluble vitamins with, oral solution, 1589
 oil- and water-soluble vitamins with, tablets, 1603
 water-soluble vitamins with, capsules, 1655
 water-soluble vitamins with, oral solution, 1676
 water-soluble vitamins with, tablets, 1685
 Minerals capsules, 1288
 USP Sodium Fluoride RS, 1288
 Minerals tablets, 1296
 USP Sodium Fluoride RS, 1296
 Minimum fill (755), 296
 Mission and preface, 3
 MK-7
 see Menaquinone-7, 1268
 Molybdenum, 2457
 Molybdic acid, 2457
 Molybdo-phosphotungstate TS, 2497
 Monitoring devices—time, temperature, and humidity (1118), 554
 Monitoring of bioburden (1229.3), 638
 Monk fruit extract, 2113
 USP Mogroside V RS, 2113
 USP Monk Fruit Extract RS, 2113
 Monoammonium glycyrrhizate, 2114
 Monochloroacetic acid, 2457
 Mono- and di-glycerides, 1852
 USP Glycerin RS, 1852
 Monoethanolamine, 2457
 Monoglyceride citrate, 1851
 USP Citric Acid RS, 1851
 Monosodium glutamate, 1853
 Morin, 2457
 Morpholine, 2457
 MSM
 see Methylsulfonylmethane, 1279
 Mustard oil, 2115
 Myristic acid, 1853
 USP Myristic Acid RS, 1853
 Myristyl alcohol, 1854
 USP Cetyl Alcohol RS, 1854
 USP Myristyl Alcohol RS, 1854
 Myristyltrimethylammonium bromide, 2457
 Myrrh, 1304
 oil, 2116
- N**
- Naphthalene, 2457
 1,3-Naphthalenediol, 2457
 2,7-Naphthalenediol, 2457
 2-Naphthalenesulfonic acid, 2457
 Naphthol
 dipotassium disulfonate, 2458
 disodium disulfonate, 2458
 1-Naphthol, 2458
 reagent, 2497
 2-Naphthol, 2458
 TS, 2497
p-Naphtholbenzein, 2458, 2488
 TS, 2497
 β -Naphthoquinone-4-sodium sulfonate, 2458
 Naphthoresorcinol, 2458
 1-Naphthylamine, 2458
 hydrochloride, 2458
 2-Naphthyl chloroformate, 2458
N-(1-Naphthyl)ethylenediamine dihydrochloride, 2458
 TS, 2497
 Near-infrared spectrophotometry (1119), 560
 Neohesperidine dihydrochalcone, 2117
 USP Neohesperidine Dihydrochalcone RS, 2117
 Neotame, 1855
 USP Neotame Related Compound A RS, 1855
 USP Neotame RS, 1855
 Nettle, Stinging
 see Stinging nettle, 1420
 Neutralized phthalate buffer, 2490
 Neutral red, 2488
 TS, 2498
 Newtonian viscosity (911), 361
 Niacin, 1305
 USP 6,6'-Dinicotinic Acid RS, 1305
 USP 6-Hydroxynicotinic Acid RS, 1305
 USP 6-Methylnicotinic Acid RS, 1305
 USP Niacin RS, 1305
 Niacin extended-release tablets, 1307
 USP 6-Hydroxynicotinic Acid RS, 1307
 USP Niacin RS, 1307
 Niacin or niacinamide assay (441), 128
 Niacin tablets, 1306
 USP Niacin RS, 1306
 Niacinamide, 1310
 USP Niacinamide RS, 1310
 USP Niacin RS, 1310
 Niacinamide ascorbate, 2119
 USP Niacinamide RS, 2119
 Niacinamide tablets, 1310
 USP Niacinamide RS, 1310
 Nickel, 2458
 Nickel-aluminum catalyst, 2458
 Nickel standard solution TS, 2498
 Nickel sulfate, 2458
 Nickel (II) sulfate heptahydrate, 2458
 β -Nicotinamide adenine dinucleotide, 2458
 Nicotinamide adenine dinucleotide phosphate-adenosine-5'-triphosphate mixture, 2458
 Nicotinic acid, 2458
 Nile blue hydrochloride, 2488
 Ninhydrin, 2458
 Nitrate
 mercurous, dihydrate, 2454
 mercurous, TS, 2497
 in reagents, 2419
 silver, 2471
 tenth-normal (0.1 N), silver, 2507
 Nitric acid, 2458, 2498
 diluted, 2458
 fuming, 2458
 lead-free, 2458
 Nitric oxide–nitrogen dioxide detector tube, 2458
 Nitrilotriacetic acid, 2458
 4'-Nitroacetophenone, 2458
o-Nitroaniline, 2459
p-Nitroaniline, 2459
 TS, 2498
 Nitrobenzene, 2459
p-Nitrobenzenediazonium tetrafluoroborate, 2459
 4-Nitrobenzoic acid, 2459
p-Nitrobenzyl bromide, 2459
 4-(*p*-Nitrobenzyl) pyridine, 2459
 Nitrogen, 1857
 certified standard, 2459
 compounds in reagents, 2419
 Nitrogen determination (461), 133
 Nitromethane, 2459
 5-Nitro-1,10-phenanthroline, 2458
 Nitrophenanthroline TS, 2498
 1-Nitroso-2-naphthol, 2459
 Nitroso R salt, 2459
 Nitrous oxide certified standard, 2459

- Nomenclature (1121), 574
 Nonadecane, 2459
 Nonanoic acid, 2459
 Nonionic wetting agent, 2459
 Nonoxynol 9, 2459
 1-Nonyl alcohol, 2459
n-Nonylamine, 2459
 Nonylphenol polyoxyethylene ether, 2459
 Nonylphenoxypoly(ethyleneoxy)ethanol, 2459
 Normal
 butyl acetate, 2431
 Nuclear magnetic resonance (761), 296
 Nucleic acid-based techniques—microarrays (1128), 576
 Nutmeg oil, 2119
- O**
- Oatmeal, colloidal, 1311
Ocimum tenuiflorum
 see Holy basil leaf, 1203
n-Octadecane, 2460
 Octadecyl silane, 2460
 Octanesulfonic acid sodium salt, 2460
 1-Octanol, 2460
 Octanophenone, 2460
 (*p*-*tert*-Octylphenoxy)nonaethoxyethanol, 2460
 (*p*-*tert*-Octylphenoxy)polyethoxyethanol, 2460
 Octyl sulfate, sodium salt, 2460
 Oil
 angelica root, 1964
 angelica seed, 1965
 anise, 1748
 ARA from Fungal (*Mortierella alpina*), 1967
 balsam Peru, 1987
 basil, Comoros type, 1988
 basil, European type, 1989
 bay oil, 1990
 bergamot, coldpressed, 1992
 borage seed, 932
 borage seed, capsules, 933
 canola, 1772, 2433
 caraway, 1774
 cardamom, 1775
 carrot seed, 2008
 cassia, 2011
 castor, 990
 castor, aromatic, 990
 castor, capsules, 991
 castor, emulsion, 992
 cedar, 2434
 cedar leaf, 2012
 celery seed, 2013
 chamomile, English type, 2013
 chamomile, German type, 2014
 cinnamon bark, Ceylon type, 2015
 cinnamon leaf, 2016
 clove, 1784, 2019
 clove leaf, 2018
 clove stem, 2020
 coconut, 1785
 coconut, hydrogenated, 1786
 cod liver, 1033
 cod liver, capsules, 1035
 coriander, 1787, 2021
 corn, 1787
 costus root, 2022
 cottonseed, 1794
 Cryptocodinium cohnii, 1041
 Cryptocodinium cohnii, capsules, 1043
 cubeb, 2023
 cumin, 2024
 DHA from Algal (*Ulkenia*), 2032
 dill seed, European type, 2034
 dill seed, Indian type, 2035
 dillweed, American type, 2036
 eucalyptus, 2046
 evening primrose, 1095
 fennel, 1808, 2047
 flax seed, 1116
 flax seed, capsules, 1116
 garlic, 2060
 ginger, 2062
 grapefruit, coldpressed, 2066
 hops, 2067
 juniper berries, 2077
 krill, 1216
 krill, capsules, 1219
 krill, delayed-release capsules, 1222
 laurel leaf, 2084
 lavender, 2085
 lemon, 1836
 lemon, desert type, coldpressed, 2086
 lemon, distilled, 2087
 lemongrass, 2088
 lime, cold-pressed, 2090
 lime, distilled, 2092
 lovage, 2094
 mace, 2097
 mandarin, cold-pressed, 2103
 marjoram, Spanish type, 2106
 marjoram, sweet, 2107
 Menhaden, refined, 2108
 mustard, 2115
 myrrh, 2116
 nutmeg, 2119
 olibanum, 2120
 olive, 1858
 onion, 2121
 orange, 1859
 orange, bitter, cold-pressed, 2122
 orange, cold-pressed, 2123
 orange, distilled, 2124
 organum, Spanish type, 2125
 orris root, 2126
 palm, 1861
 palm, hydrogenated, 1861
 palm kernel, 1859
 parsley herb, 2129
 parsley seed, 2129
 peanut, 1863
 peppermint, 1864, 2130
 petitgrain, Paraguay type, 2132
 pimenta, 2135
 pimenta leaf, 2134
 pine needle, dwarf, 2136
 pine needle, Scotch type, 2137
 rapeseed, fully hydrogenated, 1897
 rapeseed, superglycerinated fully hydrogenated, 1898
 rose, 2150
 rosemary, 2151
 rue, 2152
 safflower, 1376
 sage, Dalmation type, 2153
 sage, Spanish type, 2154
 sandalwood, East Indian type, 2155
 savory (summer variety), 2156
 Schizochytrium, 1392
 Schizochytrium, capsules, 1395
 solin, 2173
 soybean (unhydrogenated), 2179
 spearmint, 2179
 spike lavender, 2180
 sunflower, 1926
 tangerine, coldpressed, 2193
 tarragon, 2195
 thyme, 2197
 vegetable phytosterol esters, 2212
 vitamins capsules, oil-soluble, 1469
 vitamins capsules, oil- and water-soluble, 1514
 vitamins with minerals capsules, oil- and water-soluble, 1562
 vitamins with minerals oral solution, oil- and water-soluble, 1589
 vitamins with minerals tablets, oil- and water-soluble, 1603
 vitamins oral solution, oil- and water-soluble, 1534
 vitamins tablets, oil-soluble, 1476
 vitamins tablets, oil- and water-soluble, 1543
 wintergreen, 2220
 Oil-soluble vitamins
 capsules, 1469
 tablets, 1476
 Oil- and water-soluble vitamins
 capsules, 1514
 with minerals capsules, 1562
 with minerals oral solution, 1589
 with minerals tablets, 1603
 oral solution, 1534
 tablets, 1543
 Olefin detector tube, 2460
 Oleic acid, 1857
 USP Oleic Acid RS, 1857
 Oleoresin, capsicum, 981

- Oleovitamin A and D, 1312
 USP Cholecalciferol RS, 1312
 USP Ergocalciferol RS, 1312
 USP Retinyl Acetate RS, 1312
 USP Retinyl Palmitate RS, 1312
- Oleovitamin A and D capsules, 1312
 USP Cholecalciferol RS, 1312
 USP Ergocalciferol RS, 1312
 USP Retinyl Acetate RS, 1312
 USP Retinyl Palmitate RS, 1312
- Olibanum oil, 2120
- Oligo-deoxythymidine, 2460
- Olive oil, 1858
- Omega-3 acids triglycerides, 1312
 USP Docosahexaenoic Acid Ethyl Ester RS, 1312
 USP Eicosapentaenoic Acid Ethyl Ester RS, 1312
 USP Methyl Tricosanoate RS, 1312
- Onion oil, 2121
- Optical microscopy (776), 305
- Optical rotation (781), 307
- Oracet blue B, 2488
 TS, 2498
- Oral drug products—product quality tests (2), 29
- Oral solution
 ascorbic acid, 880
 calcium gluconate syrup, 952
 ergocalciferol, 1092
 ferrous gluconate, 1101
 ferrous sulfate, 1104
 ferrous sulfate syrup, 1104
 levocarnitine, 1228
 potassium chloride, 1331
 potassium gluconate, 1334
 senna, 1402
 thiamine hydrochloride, 1428
 thiamine mononitrate, 1430
 vitamins with minerals, oil-soluble, 1497
 vitamins with minerals, oil- and water-soluble, 1589
 vitamins with minerals, water-soluble, 1676
 vitamins, oil-soluble, 1483
 vitamins, oil- and water-soluble, 1534
 zinc acetate, 1710
- Oral suspension
 calcium carbonate, 945
 calcium and magnesium carbonates, 948
 psyllium hydrophilic mucilloid for, 1343
- Orange
 G, 2460
 oil, 1859
 oil, bitter, cold-pressed, 2122
 oil, cold-pressed, 2123
 oil, distilled, 2124
- Orcinol, 2460
- Ordinary impurities (466), 134
- Origanum oil, Spanish type, 2125
- Orris root oil, 2126
- Orthophenanthroline
 TS, 2498
- Osmium tetroxide, 2460
- Oxalic acid, 2460
 tenth-normal (0.1 N), 2505
 TS, 2498
- Ox bile extract, 2127
 USP Cholic Acid RS, 2127
- 3,3'-Oxydipropionitrile, 2460
- Oxygen
 21 percent certified standard, 2460
 93 percent certified standard, 2460
 certified standard, 2460
 helium certified standard, 2460
- Oxygen flask combustion
 (471), 150
- ## P
- Packaging and storage requirements (659), 230
- Packings for high-pressure liquid chromatography, 2460
- Palladium
 catalyst, 2460
 chloride, 2460
 chloride TS, buffered, 2498
- Palm
 oil, 1861
 oil, hydrogenated, 1861
 kernel oil, 1859
- Palmitic acid, 1862
 USP Palmitic Acid RS, 1862
 USP Stearic Acid RS, 1862
- Panax notoginseng*
 see Tienchi ginseng root and rhizome, 1432
- Pancreatic digest of casein, 2460
- Pancreatin, 1315, 2461
 USP Bile Salts RS, 1315
 USP Pancreatin Amylase and Protease RS, 1315
 USP Pancreatin Lipase RS, 1315
- Pancreatin tablets, 1317
 USP Bile Salts RS, 1317
 USP Pancreatin Amylase and Protease RS, 1317
 USP Pancreatin Lipase RS, 1317
- Panthenol, 1318
 USP Racemic Panthenol RS, 1318
- DL-Panthenol, 2128
 USP Dexpanthenol RS, 2128
- Papaic digest of soybean meal, 2461
- Papain, 1318
 USP Papain RS, 1318
- Paper lead acetate, 2453
- Paraffin
 synthetic, 1863
- Paraformaldehyde, 2461
- Parsley
 herb oil, 2129
 seed oil, 2129
- Particle size distribution estimation by analytical sieving (786), 309
- Peanut oil, 1863
- Pectate lyase, 2461
- Pectin, 1319
 USP 2-Butanol RS, 1319
 USP Methyl Alcohol RS, 1319
 USP 2-Propanol RS, 1319
- Pentadecane, 2462
- Pentafluoropropionic acid, 2462
- Pentane, 2462
- 2-Pentanone, 2462
- Peppermint, 1864
 oil, 1864, 2130
 spirit, 1322
 water, 1865
- Pepsin, 2462
 purified, 2462
- Peptic digest of animal tissue, 2462
- Peptone, dried, 2462
- Perchloric acid, 2462
 tenth-normal (0.1 N) in dioxane, 2505
 tenth-normal (0.1 N) in glacial acetic acid, 2505
 TS, 2498
- Periodic acid, 2462
- Petitgrain oil, Paraguay type, 2132
- pH (791), 313
- Phases for gas chromatography, 2462
- Phase-solubility analysis (1171), 582
- Phenacetin, 2462
- 1,10-Phenanthroline, 2462
- o*-Phenanthroline monohydrochloride monohydrate, 2462
- Phenol, 2462
 TS, 2498
- Phenoldisulfonic acid TS, 2498
- Phenolphthalein, 2488
 paper, 2489
 TS, 2498
- Phenol red, 2488
 sodium, 2462
 TS, 2498
 TS, pH 4.7, 2498
- Phenoxybenzamine hydrochloride, 2462
- 3-Phenoxybenzoic acid, 2462
- 2-Phenoxyethanol, 2463
- Phenyl
 isocyanate, 2463
- 2-Phenylacetamide, 2463
- Phenylalanine, 1322
 USP L-Phenylalanine RS, 1322
 USP L-Tyrosine RS, 1322
- dl*-Phenylalanine, 2133, 2463
- o*-Phenylenediamine dihydrochloride, 2463
- p*-Phenylenediamine hydrochloride, 2463

- Phenylglycine, 2463
 Phenylhydrazine, 2463
 acetate TS, 2498
 hydrochloride, 2463
 sulfuric acid TS, 2498
 Phenylmethylsulfonyl fluoride, 2463
 3-Phenylphenol, 2463
 pH Indicator paper, short-range, 2489
 Phloroglucinol, 2463
 TS, 2498
 Phloxine B, 2463
 Phosphatase enzyme, alkaline, 2463
 Phosphate
 buffer, 2490
 diethylamine, 2440
 potassium, dibasic, 2142
 potassium, monobasic, 2143
 in reagents, 2419
 Phosphatic enzyme, 2463
 TS, 2498
 Phosphomolybdic acid, 2464
 TS, 2498
 Phosphoric acid, 1865, 2464
 Phosphorus
 acid, 2464
 pentoxide, 2464
 red, 2464
 Phosphotungstic acid, 2464
 TS, 2498
 o-Phthalaldehyde, 2464
 Phthalazine, 2464
 Phthalic
 acid, 2464
 anhydride, 2464
 Phthalimide, 2464
Phyllanthus amarus, 1323
 USP Phyllanthin RS, 1323
 USP Powdered *Phyllanthus amarus*
 Extract RS, 1323
Phyllanthus amarus, powdered, 1324
 USP Phyllanthin RS, 1324
 USP Powdered *Phyllanthus amarus*
 Extract RS, 1324
 Phytonadione, 1326
 USP Phytonadione RS, 1326
 Phytonadione tablets, 1327
 USP Phytonadione RS, 1327
 2-Picoline, 2464
 Picrate TS, alkaline, 2498
 Picric acid, 2464
 Picrolonic acid, 2464
 Pimenta
 leaf oil, 2134
 oil, 2135
 Pine needle oil
 dwarf, 2136
 Scotch type, 2137
 Pipemidic acid, 2464
 Piperazine, 2464
 Piperidine, 2464
Piper nigrum
 see Black pepper, 927
 Plantago seed, 1327
 Plasma spectrochemistry
 ⟨730⟩, 275
 Platinic
 chloride, 2464
 chloride TS, 2498
 Platinum
 cobalt TS, 2498
 Polarography ⟨801⟩, 316
 Poloxamer, 1866
 USP Poloxamer Liquid RS, 1866
 USP Poloxamer Solid RS, 1866
 Polydextrose, 1868
 USP 1,6-Anhydro-D-glucose RS,
 1868
 USP Dextrose RS, 1868
 USP Polydextrose RS, 1868
 USP Sorbitol RS, 1868
 Polydimethylsiloxane, viscosity 0.65
 centistokes, 2464
 Polyethylene
 glycol, 1870
 glycol 200, 2464
 glycol 600, 2464
 glycol 20,000, 2464
 Polyglyceryl dioleate, 1873
 USP Methyl Linoleate RS, 1873
 USP Methyl Linolenate RS, 1873
 USP Methyl Myristate RS, 1873
 USP Methyl Oleate RS, 1873
 USP Methyl Palmitate RS, 1873
 USP Methyl Palmitoleate RS, 1873
 USP Methyl Stearate RS, 1873
 USP Polyglyceryl 3 Dioleate RS,
 1873
 USP Polyglyceryl 6 Dioleate RS,
 1873
 Polyoxyethylene
 10 lauryl ether, 2465
 (20) sorbitan monolaurate, 2465
 (23) lauryl ether, 2465
 Polyoxyl stearate, 1875
 USP Polyoxyl 32 Stearate RS, 1875
 USP Polyoxyl 40 Stearate RS, 1875
 USP Polyoxyl 6 Stearate RS, 1875
 USP Polyoxyl 75 Stearate RS, 1875
 USP Polyoxyl 8 Stearate RS, 1875
 USP Polyoxyl 100 Stearate RS, 1875
 Polyphosphates
 sodium, glassy, 2170
 sodium potassium, glassy, 2171
 Polysaccharide molecular weight stan-
 dards, 2465
 Polysorbate 20, 1876
 USP Polysorbate 20 RS, 1876
 Polysorbate 40, 2138
 Polysorbate 60, 1877
 USP Polysorbate 60 RS, 1877
 Polysorbate 80, 1878
 USP Polysorbate 80 RS, 1878
 Polytef, 2465
 Polyvinyl acetate, 1880
 USP Polyvinyl Acetate RS, 1880
 Polyvinyl alcohol, 2465
 Pomegranate juice, 2229
 USP Pomegranate Juice Concentrate
 RS, 2229
 Potassium
 acetate, 1328, 2465
 acetate TS, 2498
 alginate, 1882, 2138
 alum, 2465
 arsenate monobasic, 2465
 arsenite, tenth-normal (0.1 N), 2505
 bicarbonate, 1329, 2465
 bipthalate, 2465
 bismuth iodide TS, 2498
 bisulfate, 2465
 bitartrate, 1329
 bromate, 2465
 bromate, tenth-normal (0.1 N),
 2505
 bromide, 2465
 bromide-bromate, tenth-normal
 (0.1 N), 2506
 carbonate, 1330
 carbonate, anhydrous, 2465
 carbonate TS, 2498
 chlorate, 2465
 chloride, 1330, 2465
 chloride oral solution, 1331
 chloride, hydrate, magnesium am-
 monium, 2098
 chloroplatinate, 2465
 chromate, 2465
 chromate TS, 2498
 citrate, 1331
 citrate tablets, 1332
 cyanide, 2465
 dichromate, 2465
 dichromate, tenth-normal (0.1 N),
 2506
 dichromate TS, 2498
 dichromate TS, 2498
 ferricyanide, 2465
 ferricyanide TS, 2498
 ferricyanide, twentieth-molar
 (0.05 M), 2506
 ferrocyanide, 2465
 ferrocyanide TS, 2498
 glycerophosphate, 2139
 hyaluronate, 2465
 hydrogen sulfate, 2466
 hydroxide, 1884, 2466
 hydroxide, alcoholic, half-normal
 (0.5 N), 2506
 hydroxide, alcoholic, tenth-molar
 (0.1 M), 2506
 hydroxide, methanolic, tenth-normal
 (0.1 N), 2506
 hydroxide, normal (1 N), 2506
 hydroxide TS, 2498
 hydroxide TS 2, alcoholic, 2498
 iodate, 2139, 2466

- iodate, twentieth-molar (0.05 M), 2506
- iodide, 1335, 2466
- iodide and iodine TS 1, 2496
- iodide and iodine TS 2, 2496
- iodide and iodine TS 3, 2496
- iodide and starch TS, 2499
- iodide TS, 2498
- iodoplatinate TS, 2499
- lactate solution, 2140
- metabisulfite, 1884, 2466
- nitrate, 1336, 2466
- nitrate solution, 1337
- nitrite, 2466
- perchlorate, 2466
- periodate, 2466
- permanganate, 2466
- permanganate, tenth-normal (0.1 N), 2506
- permanganate TS, 2499
- persulfate, 2466
- phosphate, dibasic, trihydrate, 2466
- phosphate, monobasic, 2466
- phosphate, tribasic, 2466
- phosphate, monobasic, 2143
- phosphate, tribasic, 2144
- pyroantimonate, 2466
- pyroantimonate TS, 2499
- pyrophosphate, 2144, 2466
- pyrosulfate, 2466
- sodium polyphosphates, glassy, 2171
- sodium tartrate, 2466
- sorbate, 1885
- sulfate, 2466
- sulfate TS, 2499
- tellurite, 2466
- thiocyanate, 2466
- thiocyanate, tenth-normal (0.1 N), 2507
- thiocyanate TS, 2499
- Potassium benzoate, 1883
- USP Benzoic Acid RS, 1883
- USP Potassium Benzoate RS, 1883
- USP Salicylic Acid RS, 1883
- Potassium gluconate, 1333
- USP Potassium Gluconate RS, 1333
- Potassium gluconate oral solution, 1334
- Potassium gluconate tablets, 1335
- USP Potassium Gluconate RS, 1335
- Potassium phosphate, dibasic, 1337, 2466
- Potassium phosphate, dibasic, 2142
- USP Sodium Fluoride RS, 1337
- Povidone, 1885
- USP Povidone RS, 1885
- Powder
- Banaba leaf, 904
- Ganoderma Lucidum* fruiting body, 1127
- Tienchi ginseng root and rhizome, 1436
- Powdered
- American ginseng, 864
- American ginseng extract, 865
- andrographis, 873
- andrographis extract, 874
- ashwagandha root, 883
- ashwagandha root extract, 885
- Asian ginseng, 888
- Asian ginseng extract, 889
- bacopa, 898
- bacopa, extract, 899
- bilberry extract, 913
- black cohosh, 921
- black cohosh extract, 923
- black pepper, 929
- black pepper extract, 931
- cat's claw, 994
- cat's claw extract, 996
- cellulose, 1778
- Centella asiatica*, 1002
- Centella asiatica* extract, 1003
- chaste tree, 1011
- chaste tree extract, 1013
- Chinese salvia, 1017
- Echinacea angustifolia*, 1062
- Echinacea angustifolia* extract, 1065
- Echinacea pallida*, 1070
- Echinacea pallida* extract, 1072
- Echinacea purpurea*, 1075
- Echinacea purpurea* extract, 1077
- eleuthero, 1086
- eleuthero extract, 1088
- feverfew, 1108
- forskohlii, 1121
- forskohlii extract, 1122
- Garcinia cambogia*, 1132
- Garcinia hydroxycitrate* extract, 1133
- Garcinia indica*, 1136
- garlic, 1140
- ginger, 1148
- ginkgo extract, 1156
- goldenseal, 1181
- goldenseal extract, 1182
- green tea extract, decaffeinated, 1185
- gymnema, 1195
- hawthorn leaf with flower, 1200
- holy basil leaf, 1205
- holy basil leaf extract, 1207
- horse chestnut, 1210
- horse chestnut extract, 1211
- licorice, 1230
- licorice extract, 1231
- Malabar-nut-tree, leaf, 1258
- Malabar-nut-tree, leaf extract, 1259
- milk thistle, 1282
- milk thistle extract, 1284
- Phyllanthus amarus*, 1324
- Rhodiola rosea*, 1365
- Rhodiola rosea* extract, 1367
- rosemary, 1372
- saw palmetto, 1385
- soy isoflavones, extract, 1415
- St. John's wort, 1379
- St. John's wort extract, 1381
- stinging nettle, 1422
- stinging nettle extract, 1424
- turmeric, 1442
- turmeric extract, 1443
- valerian, 1452
- valerian extract, 1454
- zinc chloride, anhydrous, 2486
- Powder fineness (811), 320
- Powder flow (1174), 584
- Pregnenolone acetate, 2466
- Proline, 1339
- USP L-Proline RS, 1339
- USP L-Threonine RS, 1339
- Propane, 1888
- Propanediol, 1889
- USP 1,3-Propanediol RS, 1889
- USP Propylene Glycol RS, 1889
- Propionaldehyde, 2466
- Propionic
- acid, 1891
- anhydride, 2466
- Propiophenone, 2466
- n*-Propyl alcohol, 2466
- Propyl gallate, 1892
- USP Propyl Gallate RS, 1892
- Propylamine hydrochloride, 2466
- Propylene
- glycol alginate, 1892
- glycol, mono- and diesters, 2145
- Propylene glycol dicaprylate/dicaprate, 1893
- USP Propylene Glycol Dicaprylate/Dicaprate RS, 1893
- Propylene glycol monocaprylate, 1894
- USP Propylene Glycol Monocaprylate Type II RS, 1894
- USP Propylene Glycol Monocaprylate Type I RS, 1894
- USP Propylene Glycol RS, 1894
- Propylparaben, 1895
- USP Ethylparaben RS, 1895
- USP Propylparaben RS, 1895
- Protein
- molecular weight standard, 2466
- standard solution (8 g/dL), 2466
- Protocatechuic acid, 2466
- Psyllium hemicellulose, 1339
- Psyllium husk, 1341
- Psyllium hydrophilic mucilloid for oral suspension, 1343
- Pullulan, 1896
- Pullulanase, 2466
- Pullulan standards
- 5,800, 23,700, and 100,000 molecular weight (MW), 2457
- Pumice, 2467
- Purine, 2468
- Putrescine dihydrochloride, 2468

Pygeum, 1343
 USP Pygeum Extract RS, 1343
 USP β -Sitosterol RS, 1343
 Pygeum capsules, 1346
 USP Docosyl Ferulate RS, 1346
 USP Pygeum Extract RS, 1346
 USP β -Sitosterol RS, 1346
 Pygeum extract, 1344
 USP Docosyl Ferulate RS, 1344
 USP Pygeum Extract RS, 1344
 USP β -Sitosterol RS, 1344
 Pyrazole, 2468
 Pyrene, 2468
 4-(2-Pyridylazo)resorcinol, 2468
 Pyridine, 2468
 dried, 2468
 –pyrazolone TS, 2499
 Pyridoxal
 hydrochloride, 2468
 5-phosphate, 2468
 Pyridoxamine dihydrochloride, 2468
 Pyridoxine hydrochloride, 1347
 USP Pyridoxine Hydrochloride RS,
 1347
 Pyridoxine hydrochloride tablets, 1348
 USP Pyridoxine Hydrochloride RS,
 1348
 1-(2-Pyridylazo)-2-naphthol, 2468
 3-(2-Pyridyl)-5,6-di(2-furyl)-1,2,4-triazine-5',5''-disulfonic acid, disodium salt, 2468
 Pyrogallol, 2468
 TS, alkaline, 2499
 Pyrophosphate
 calcium acid, 1997
 potassium, 2144
 sodium, 2172
 sodium ferric, 2161
 Pyrrole, 2468
 Pyruvic acid, 2468

Q

Quality attributes of tablets labeled as having a functional score (705), 263
 Quercetin, 1349
 USP Isorhamnetin RS, 1349
 USP Kaempferol RS, 1349
 USP Quercetin RS, 1349
 Quimociac TS, 2499
 Quinaldine red, 2488
 TS, 2499
 Quinhydrone, 2468
 Quinone
 TS, 2499

R

Racemic
 calcium pantothenate, 968
 Raman spectrophotometry (1120),
 566

Rapeseed oil
 fully hydrogenated, 1897
 superglycerinated fully hydrogenated, 1898
 Rat tail collagen, 2437
 Rayon, 2469
 Readily carbonizable substances test (271), 101
 Reagents, 2416
 amino nitrogen tests in, 2416
 arsenic in, 2417
 boiling or distilling range for, 2416
 chloride in, 2417
 flame photometry for, 2417
 general tests for, 2416
 heavy metals in, 2418
 Indicators and solutions, 2415
 insoluble matter in, 2419
 loss on drying for, 2419
 nitrate in, 2419
 nitrogen compounds in, 2419
 phosphate in, 2419
 residue on ignition in, 2419
 sulfate in, 2419
 Reagent specifications, 2415
 Rebaudioside A, 2146
 Red 80, direct, 2469
 Red-cell lysing agent, 2469
 Red clover
 see Clover, red, 1350
 USP Reference Standards Index, I-35
 Refractive index (831), 321
 Reishi
 see *Ganoderma Lucidum* fruiting body, 1124
 Resazurin (sodium), 2469
 Residual solvents (467), 136
 Residue on ignition (281), 101
 in reagents, 2419
 Resorcinol
 TS, 2499
 Retinyl palmitate, 2469
 Reverse transcriptase, 2469
 Rhodamine
 6G, 2469
 B, 2469
Rhodiola rosea, 1362
 USP *Rhodiola rosea* Root and Rhizome Dry Extract RS, 1362
 USP Rosavin RS, 1362
 USP Salidroside RS, 1362
Rhodiola rosea extract, powdered, 1367
 USP *Rhodiola rosea* Root and Rhizome Dry Extract RS, 1367
 USP Rosavin RS, 1367
 USP Salidroside RS, 1367
Rhodiola rosea, powdered, 1365
 USP *Rhodiola rosea* Root and Rhizome Dry Extract RS, 1365

USP Rosavin RS, 1365
 USP Salidroside RS, 1365
Rhodiola rosea tincture, 1364
 USP *Rhodiola rosea* Root and Rhizome Dry Extract RS, 1364
 USP Rosavin RS, 1364
 USP Salidroside RS, 1364
 Riboflavin, 1359
 USP Riboflavin RS, 1359
 Riboflavin 5'-phosphate sodium, 1360
 USP Phosphated Riboflavin RS, 1360
 USP Riboflavin RS, 1360
 Riboflavin assay (481), 151
 Riboflavin tablets, 1360
 USP Riboflavin RS, 1360
 Ribonuclease inhibitor, 2469
 Rose
 bengal sodium, 2469
 oil, 2150
 Rosemary, 1369
 USP Carnosic Acid RS, 1369
 USP Rosmarinic Acid RS, 1369
 USP Powdered Rosemary Hydrophilic Extract RS, 1369
 Rosemary leaf dry aqueous extract, 1370
 USP Powdered Rosemary Hydrophilic Extract RS, 1370
 USP Rosmarinic Acid RS, 1370
 Rosemary oil, 2151
 Rosemary, powdered, 1372
 USP Carnosic Acid RS, 1372
 USP Rosmarinic Acid RS, 1372
 USP Powdered Rosemary Hydrophilic Extract RS, 1372
Rosmarinus officinalis
 see Rosemary, 1369
 Rue oil, 2152
 Ruthenium red, 2469
 TS, 2499
 Rutin, 1374
 USP Quercetin RS, 1374
 USP Rutin RS, 1374

S

Saccharin, 1899
 USP Saccharin RS, 1899
 USP *o*-Toluenesulfonamide RS, 1899
 USP *p*-Toluenesulfonamide RS, 1899
 Saccharose, 2469
 Safflower oil, 1376
 USP Safflower Oil RS, 1376
 Safranin O, 2469
 Sage oil
 Dalmatian type, 2153
 Spanish type, 2154
 Salicylaldazine, 2469
 Salicylaldehyde, 2470
 Salicylic acid, 2470
 Saline TS, 2499

- Salt
 octanesulfonic acid sodium, 2460
- Salts of organic nitrogenous bases (501), 152
- Salvia miltiorrhiza*
 see Chinese salvia, 1014
- SAMe
 see S-Adenosyl-L-methionine disulfate tosylate, 1375
- Sand
 standard 20- to 30-mesh, 2470
 washed, 2470
- Sandalwood oil, East Indian type, 2155
- Savory oil (Summer variety), 2156
- Sawdust, purified, 2470
- Saw palmetto, 1383
 USP Methyl Caprate RS, 1383
 USP Methyl Caproate RS, 1383
 USP Methyl Caprylate RS, 1383
 USP Methyl Laurate RS, 1383
 USP Methyl Linolenate RS, 1383
 USP Methyl Myristate RS, 1383
 USP Methyl Oleate RS, 1383
 USP Methyl Palmitate RS, 1383
 USP Methyl Palmitoleate RS, 1383
 USP Methyl Stearate RS, 1383
 USP Methyl Linoleate RS, 1383
- Saw palmetto capsules, 1390
 USP Hexacosanol RS, 1390
 USP Methyl Caprate RS, 1390
 USP Methyl Caproate RS, 1390
 USP Methyl Caprylate RS, 1390
 USP Methyl Laurate RS, 1390
 USP Methyl Linolenate RS, 1390
 USP Methyl Myristate RS, 1390
 USP Methyl Oleate RS, 1390
 USP Methyl Palmitate RS, 1390
 USP Methyl Palmitoleate RS, 1390
 USP Methyl Stearate RS, 1390
 USP Methyl Linoleate RS, 1390
 USP β -Sitosterol RS, 1390
- Saw palmetto extract, 1387
 USP Hexacosanol RS, 1387
 USP Methyl Caprate RS, 1387
 USP Methyl Caproate RS, 1387
 USP Methyl Caprylate RS, 1387
 USP Methyl Laurate RS, 1387
 USP Methyl Linolenate RS, 1387
 USP Methyl Myristate RS, 1387
 USP Methyl Oleate RS, 1387
 USP Methyl Palmitate RS, 1387
 USP Methyl Palmitoleate RS, 1387
 USP Methyl Stearate RS, 1387
 USP Methyl Linoleate RS, 1387
 USP β -Sitosterol RS, 1387
- Saw palmetto, powdered, 1385
 USP Methyl Caprate RS, 1385
 USP Methyl Caproate RS, 1385
 USP Methyl Caprylate RS, 1385
 USP Methyl Laurate RS, 1385
 USP Methyl Linolenate RS, 1385
- USP Methyl Myristate RS, 1385
 USP Methyl Oleate RS, 1385
 USP Methyl Palmitate RS, 1385
 USP Methyl Palmitoleate RS, 1385
 USP Methyl Stearate RS, 1385
 USP Methyl Linoleate RS, 1385
- Scandium oxide, 2470
- Scanning electron microscopy (1181), 593
- Schizochytrium oil, 1392
 USP Docosahexaenoic Acid Ethyl Ester RS, 1392
 USP Eicosapentaenoic Acid Ethyl Ester RS, 1392
 USP Methyl Tricosanoate RS, 1392
- Schizochytrium oil capsules, 1395
 USP Docosahexaenoic Acid Ethyl Ester RS, 1395
 USP Eicosapentaenoic Acid Ethyl Ester RS, 1395
 USP Methyl Tricosanoate RS, 1395
- S designations, 2469
- Selenious acid, 1397, 2470
- Selenium, 2470
 Selenium (291), 102
- Selenomethionine, 1398, 2470
 USP L-Methionine RS, 1398
 USP Selenomethionine RS, 1398
- Senna fluidextract, 1401
- Senna leaf, 1399
 USP Sennosides RS, 1399
- Senna pods, 1401
 USP Sennosides RS, 1401
- Senna oral solution, 1402
- Sennosides, 1402
 USP Sennosides RS, 1402
- Sennosides tablets, 1403
 USP Sennosides RS, 1403
- Serine, 1404
 USP L-Methionine RS, 1404
 USP L-Serine RS, 1404
- Significant change guide for bulk pharmaceutical excipients (1195), 606
- Silica, chromatographic, silanized, flux-calcined, acid-washed, 2470
- Silica microspheres, 2471
- Siliceous earth
 chromatographic, 2471
 chromatographic, silanized, 2471
- Silicic acid, 2471
 acid-impregnated glass microfilament sheets with fluorescent indicator, 2471
- Silicon
 carbide, 2471
 dioxide, 1901
- Silicone 75 percent phenyl, methyl, 2471
- Silicotungstic acid, *n*-hydrate, 2471
- Silver, 2157
 diethyldithiocarbamate, 2471
 diethyldithiocarbamate TS, 2499
 nitrate, 2471
 nitrate, tenth-normal (0.1 N), 2507
 nitrate TS, 2499
 oxide, 2471
 Silver-ammonium nitrate TS, 2499
 β -Sitosterol, 2472
 Slippery elm
 see Elm, 1089
 Soda lime, 2472
 Sodium, 2472
 acetate, 2472
 acetate, anhydrous, 2472
 acetate TS, 2499
 alginate, 1902
 alizarinsulfonate, 2472
 alizarinsulfonate TS, 2499
 aminoacetate TS, 2499
 ammonium phosphate, 2472
 arsenate, 2472
 arsenite, 2472
 arsenite, twentieth-molar (0.05 M), 2507
 azide, 2472
 bicarbonate, 1405, 2472
 biphenyl, 2472
 biphosphate, 2473
 bisulfite, 2473
 bisulfite TS, 2499
 bitartrate, 2473
 bitartrate TS, 2499
 borate, 1903, 2473
 borohydride, 2473
 bromide, 2473
 carbonate, 1903
 carbonate, anhydrous, 2473
 carbonate, monohydrate, 2473
 carbonate TS, 2499
 carboxymethylcellulose, 1775
 carboxymethyl cellulose, enzymatically hydrolyzed, 2159
 chloride, 1409, 2473
 chloride TS, alkaline, 2499
 cholate hydrate, 2473
 chromate, 2473
 citrate, 1411
 citrate dihydrate, 2473
 citrate TS, 2499
 citrate TS, alkaline, 2499
 cobaltinitrite, 2473
 cobaltinitrite TS, 2499
 cyanide, 2473
 1-decanesulfonate, 2473
 dehydroacetate, 1904
 dichromate, 2473
 diethyldithiocarbamate, 2473
 dodecyl sulfate, 2474
 ferric pyrophosphate, 2161
 ferrocyanide, 2474
 fluorescein, 2474
 fluoride, 1412, 2474
 fluoride TS, 2499

- fumarate, 2163
glycocholate, 2474
1-heptanesulfonate, 2474
1-heptanesulfonate, monohydrate, 2474
1-hexanesulfonate, 2474
1-hexanesulfonate, monohydrate, 2474
hydrogen sulfate, 2474
hydrosulfite, 2474
hydrosulfite TS, alkaline, 2499
hydroxide, 1904, 2474
hydroxide, alcoholic, tenth-normal (0.1 N), 2507
hydroxide, normal (1 N), 2507
hydroxide TS, 2499
hydroxide TS 2, 2499
hydroxide TS 3, 2499
hypobromite TS, 2499
hypochlorite solution, 2474
iodate, 2475
iodide, 1414
iodohydroxyquinolinesulfonate TS, 2500
iron EDTA, 2166
lauryl sulfate, 1905
metabisulfite, 1906, 2475
metaperiodate, 2475
methoxide, 2475
methoxide, half-normal (0.5 N) in methanol, 2507
methoxide, tenth-normal (0.1 N) in toluene, 2507
molybdate, 2475
molybdate dihydrate, 2169
nitrate, 2475
nitrite, 2475
nitrite, tenth-molar (0.1 M), 2507
nitroferricyanide, 2475
nitroferricyanide TS, 2500
oxalate, 2475
(tri) pentacyanoamino ferrate, 2475
1-pentanesulfonate, 2475
1-pentanesulfonate, anhydrous, 2475
perchlorate, 2475
peroxide, 2475
phosphate, dibasic, 1414, 2475
phosphate, dibasic, anhydrous, 2475
phosphate, dibasic, dihydrate, 2475
phosphate, dibasic, dodecahydrate, 2475
phosphate, dibasic, heptahydrate, 2475
phosphate, dibasic, TS, 2500
phosphate, monobasic, 2475
phosphate, monobasic, anhydrous, 2475
phosphate, monobasic, dihydrate, 2475
phosphate, tribasic, 1906, 2475
phosphate TS, 2500
phosphite pentahydrate, 2475
phosphotungstate TS, 2500
polyphosphates, glassy, 2170
potassium polyphosphates, glassy, 2171
pyrophosphate, 2172, 2475
pyruvate, 2475
salicylate, 2476
selenate anhydrous, 2173
selenite, 2476
sulfate, 2476
sulfate, anhydrous, 2476
sulfide, 2476
sulfide TS, 2500
sulfite, 1909
sulfite, anhydrous, 2476
p-sulfophenylazochromotrope, 2476
tartrate, 1910, 2476
tartrate TS, 2500
tetraphenylborate, 2476
tetraphenylboron, fiftieth-molar (0.02 M), 2508
tetraphenylboron TS, 2500
thioglycolate, 2476
thioglycolate TS, 2500
thiosulfate, 2476
thiosulfate, tenth-normal (0.1 N), 2508
L-thyroxine, 2476
3-(trimethylsilyl)-1-propane sulfonate, 2476
tungstate, 2476
Sodium ascorbate, 1405
 USP Sodium Ascorbate RS, 1405
Sodium benzoate, 1902
 USP Benzoic Acid RS, 1902
 USP Salicylic Acid RS, 1902
 USP Sodium Benzoate RS, 1902
Sodium fluoride tablets, 1412
 USP Sodium Fluoride RS, 1412
Sodium gluconate, 1413
 USP Potassium Gluconate RS, 1413
Sodium hyaluronate (from microbial fermentation), 2164
 USP D-Glucuronic Acid RS, 2164, 2164
Sodium propionate, 1907
 USP Sodium Propionate RS, 1907
Sodium stearyl fumarate, 1908
 USP Monostearyl Maleate RS, 1908
 USP Sodium Stearyl Fumarate RS, 1908
 USP Stearyl Alcohol RS, 1908
Solin oil, 2173
Solution
 ammonia, diluted, 2464
 ammonia, strong, 1744
 ascorbic acid oral, 880
 calcium glubionate syrup, 952
 cholecalciferol, 1022
 cupriethylenediamine hydroxide, 1.0 M, 2437
dichlorophenol-indophenol, standard, 2503
ergocalciferol oral, 1092
ferrous gluconate oral, 1101
ferrous sulfate oral, 1104
ferrous sulfate syrup, 1104
formaldehyde, 2448
hydrogen peroxide, 2450
lead, standard, 2500
levocarnitine oral, 1228
maltitol, 1843
nickel standard TS, 2498
potassium chloride oral, 1331
potassium gluconate oral, 1334
potassium lactate, 2140
potassium nitrate, 1337
protein standard (8 g/dL), 2466
senna oral, 1402
sodium hypochlorite, 2474
tetramethylammonium hydroxide, in methanol, 2480
thiamine hydrochloride oral, 1428
thiamine mononitrate oral, 1430
vitamins with minerals, water-soluble oral, 1676
vitamins with minerals, oil- and water-soluble oral, 1589
vitamins, oil- and water-soluble oral, 1534
zinc acetate oral, 1710
Sorbic acid, 1910
 USP Sorbic Acid RS, 1910
Sorbitan
 monolaurate, 2174
 monooleate, 2175
 monopalmitate, 2176
 tristearate, 2177
Sorbitol, 1911, 2476
 USP Endotoxin RS, 1911
 USP Sorbitol RS, 1911
Soybean oil (unhydrogenated), 2179
Soy isoflavones capsules, 1417
 USP Apigenin RS, 1417
 USP Daidzein RS, 1417
 USP Daidzin RS, 1417
 USP Genistein RS, 1417
 USP Genistin RS, 1417
 USP Glycitein RS, 1417
 USP Glycitin RS, 1417
 USP Defatted Powdered Soy RS, 1417
Soy isoflavones extract, powdered, 1415
 USP Apigenin RS, 1415
 USP Daidzein RS, 1415
 USP Daidzin RS, 1415
 USP Genistein RS, 1415
 USP Genistin RS, 1415
 USP Glycitein RS, 1415
 USP Glycitin RS, 1415
 USP Defatted Powdered Soy RS, 1415

- Soy isoflavones tablets, 1419
 USP Apigenin RS, 1419
 USP Daidzein RS, 1419
 USP Daidzin RS, 1419
 USP Genistein RS, 1419
 USP Genistin RS, 1419
 USP Glycitein RS, 1419
 USP Glycitin RS, 1419
 USP Defatted Powdered Soy RS, 1419
- Soy protein concentrate, 2178
- Spearmint oil, 2179
- Specific gravity
 (841), 321
- Specific surface area (846), 322
- Spectrophotometric identification tests
 (197), 80
- Spectrophotometry and light-scattering
 (851), 326
- Spike lavender oil, 2180
- Spirulina, 2181
- Stability considerations in dispensing
 practice (1191), 602
- Stachyose hydrate, 2476
- Stannous
 chloride, 1912, 2477
 chloride acid, stronger, TS, 2500
 chloride acid TS, 2500
 chloride TS, 2500
- Starch
 corn, pregelatinized hydroxypropyl,
 1913
 iodate paper, 2489
 iodide-free TS, 2500
 iodide paper, 2489
 iodide paste TS, 2500
 modified, 1915
 pea, pregelatinized hydroxypropyl,
 1916
 potassium iodide TS, 2500
 potassium iodide and, TS, 2499
 potato, 2477
 potato, pregelatinized hydroxy-
 propyl, 1918
 soluble, 2477
 soluble, purified, 2477
 TS, 2500
- Stearic acid, 1920, 2477
 USP Palmitic Acid RS, 1920
 USP Stearic Acid RS, 1920
- Stearyl
 alcohol, 2477
 citrate, 2186
- Stearyl alcohol, 2184
 USP Cetyl Alcohol RS, 2184
- Steviol glycosides, 2187
- Stinging nettle, 1420
 USP Aspartic Acid RS, 1420
 USP Glutamic Acid RS, 1420
 USP Scopoletin RS, 1420
 USP β -Sitosterol RS, 1420
- Stinging nettle extract, powdered,
 1424
 USP Aspartic Acid RS, 1424
 USP Glutamic Acid RS, 1424
 USP Scopoletin RS, 1424
 USP β -Sitosterol RS, 1424
- Stinging nettle, powdered, 1422
 USP Aspartic Acid RS, 1422
 USP Glutamic Acid RS, 1422
 USP Scopoletin RS, 1422
 USP β -Sitosterol RS, 1422
- St. John's wort, 1377
 USP Hyperoside RS, 1377
 USP Oxybenzone RS, 1377
 USP Rutin RS, 1377
 USP Powdered St. John's Wort Ex-
 tract RS, 1377
- St. John's wort extract, powdered,
 1381
 USP Hyperoside RS, 1381
 USP Oxybenzone RS, 1381
 USP Rutin RS, 1381
 USP Powdered St. John's Wort Ex-
 tract RS, 1381
- St. John's wort, powdered, 1379
 USP Hyperoside RS, 1379
 USP Oxybenzone RS, 1379
 USP Rutin RS, 1379
 USP Powdered St. John's Wort Ex-
 tract RS, 1379
- Strontium
 acetate, 2477
 hydroxide, 2477
- Strychnine sulfate, 2478
- Styrene-divinylbenzene
 copolymer beads, 2478
- Succinic acid, 1922, 2478
 USP Fumaric Acid RS, 1922
 USP Succinic Acid RS, 1922
- Sucralose, 1922
 USP Sucralose RS, 1922
- Sucrose, 1924
 USP Sucrose RS, 1924
- Sudan
 III, 2478
 III TS, 2500
 IV, 2478
 IV TS, 2500
- Sugar Beet Fiber, 2191
- Sugar, invert, 1822
 USP Dextrose RS, 1822
 USP Fructose RS, 1822
 USP Sucrose RS, 1822
- Sulfamerazine, 2478
- Sulfamic acid, 2478
- Sulfanilamide, 2478
- Sulfanilic
 acid, 2478
 acid, diazotized TS, 2500
 acid TS, 2500
 1-naphthylamine TS, 2500
- Sulfatase enzyme preparation, 2478
- Sulfate
 acid, ferrous, TS, 2495
 ferrous, TS, 2495
 magnesium, TS, 2497
 mercuric, TS, 2497
 potassium, 2466
 potassium, TS, 2499
 in reagents, 2419
 strychnine, 2478
- Sulfathiazole
 sodium, 2478
- Sulfomolybdic acid TS, 2500
- 2-(4-Sulfophenylazo)-1,8-dihydroxy-3,
 6-naphthalenedisulfonic acid, triso-
 dium salt, 2488
- Sulfosalicylic acid, 2478
- Sulfur, 2478
 dioxide, 1925
 dioxide detector tube, 2478
- Sulfuric acid, 1926, 2478
 diluted, 2478
 diluted, TS, 2500
 fluorometric, 2478
 fuming, 2478
 half-normal (0.5 N) in alcohol, 2508
 nitrogen free, 2478
 normal (1 N), 2508
 phenylhydrazine, TS, 2498
 TS, 2500
- Sulfuric acid-formaldehyde TS, 2500
- Sulfurous acid, 2478
- Sunflower oil, 1926, 2478
 USP Sunflower Oil RS, 1926
- Supplemental information for articles
 of botanical origin (2030), 803
- Supports for gas chromatography,
 2478
- Suspension
 calcium carbonate oral, 945
 calcium and magnesium carbonates
 oral, 948
 psyllium hydrophilic mucilloid for
 oral, 1343
- Syrup
 calcium glubionate, 952
 corn, 1787
 high fructose corn, 1791
 ferrous sulfate, 1104
- T**
- Tablet breaking force (1217), 619
- Tablet friability (1216), 618
- Tablets
 American ginseng, 869
 arginine, 878
 ascorbic acid, 880
 Asian ginseng, 890
 biotin, 917
 black cohosh, 925
 calcium acetate, 941
 calcium carbonate, 946

- calcium carbonate and magnesia, 947
- calcium citrate, 951
- calcium gluconate, 956
- calcium L-5-methyltetrahydrofolate, 962
- calcium lactate, 964
- calcium and magnesium carbonates, 948
- calcium pantothenate, 967
- calcium phosphate, dibasic, 969
- calcium with vitamin D, 973
- calcium and vitamin D with minerals, 975
- casara, 988
- cat's claw, 998
- chondroitin sulfate sodium, 1029
- chromium picolinate, 1032
- clover, red, 1357
- curcuminoids, 1050
- cyanocobalamin, 1053
- dehydrocholic acid, 1056
- ergocalciferol, 1093
- ferrous fumarate, 1097
- ferrous gluconate, 1101
- ferrous sulfate, 1105
- folic acid, 1119
- ginkgo, 1161
- glucosamine, 1165
- glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane, 1170
- glucosamine and methylsulfonylmethane, 1168
- guggul, 1191
- levocarnitine, 1228
- lipoic acid, alpha, 1235
- lysine hydrochloride, 1246
- magnesia, 1247
- magnesium gluconate, 1251
- magnesium oxide, 1254
- melatonin, 1267
- menaquinone-7, 1273
- methylsulfonylmethane, 1280
- milk thistle, 1287
- minerals, 1296
- niacin, 1306
- niacinamide, 1310
- niacin extended-release, 1307
- pancreatin, 1317
- phytonadione, 1327
- potassium citrate, 1332
- potassium gluconate, 1335
- pyridoxine hydrochloride, 1348
- riboflavin, 1360
- sennosides, 1403
- sodium fluoride, 1412
- soy isoflavones, 1419
- thiamine hydrochloride, 1428
- ubidecarenone, 1448
- valerian, 1455
- vinpocetine, 1459
- vitamins with minerals, oil-soluble, 1503
- vitamins with minerals, oil- and water-soluble, 1603
- vitamins with minerals, water-soluble, 1685
- vitamins, oil-soluble, 1476
- vitamins, oil- and water-soluble, 1543
- vitamins, water-soluble, 1643
- zinc citrate, 1712
- zinc gluconate, 1717
- zinc sulfate, 1722
- Tagatose, 1928
- USP Tagatose RS, 1928
- Tangerine oil, coldpressed, 2193
- Tannic acid, 2478
- TS, 2501
- Tara gum, 2194
- Tarragon oil, 2195
- Tartaric acid, 1928, 2478
- USP Tartaric Acid RS, 1928
- TS, 2501
- Taurine, 1426
- USP Taurine RS, 1426
- tert*-Butyl hydroperoxide solution, 2479
- Test solutions, 2491
- Testosterone
- benzoate, 2479
- 2',4',5',7'-Tetrabromofluorescein, 2479
- Tetrabromophenolphthalein ethyl ester, 2479
- TS, 2501
- Tetrabutylammonium
- bromide, 2479
- hydrogen sulfate, 2479
- hydrogen sulfate ion pairing reagent, 2479
- hydroxide, 1.0 M in methanol, 2479
- hydroxide, 0.4 M aqueous, 2479
- hydroxide 30-hydrate, 2479
- hydroxide, 40 percent in water, 2479
- hydroxide in methanol/isopropyl alcohol (0.1 N), 2508
- hydroxide, tenth-normal (0.1 N), 2508
- iodide, 2479
- phosphate, 2479
- 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin, ¹³C-labeled, 2479
- 2,3,7,8-Tetrachlorodibenzofuran, ¹³C-labeled, 2479
- 1,1,2,2-Tetrachloroethane, 2479
- Tetracosane, 2479
- Tetradecane, 2479
- Tetradecylammonium bromide, 2479
- Tetraethylammonium perchlorate, 2479
- Tetraethylene glycol, 2479
- Tetraethylenepentamine, 2479
- Tetraheptylammonium bromide, 2479
- Tetrahexylammonium hydrogen sulfate, 2480
- Tetrahydrofuran, 2480
- peroxide-free, 2480
- stabilizer-free, 2480
- Tetrahydro-2-furancarboxylic acid, 2480
- N*-(2-Tetrahydrofuroyl)piperazine, 2480
- 1,2,3,4-Tetrahydronaphthalene, 2480
- Tetramethylammonium
- bromide, 2480
- bromide, tenth-molar (0.1 M), 2509
- chloride, 2480
- chloride, tenth-molar (0.1 M), 2509
- hydroxide, 2480
- hydroxide, pentahydrate, 2480
- hydroxide solution in methanol, 2480
- hydroxide TS, 2501
- nitrate, 2480
- Tetramethylbenzidine, 2480
- 4,4'-Tetramethyldiaminodiphenylmethane, 2480
- Tetramethylsilane, 2480
- Tetrapropylammonium
- chloride, 2480
- Tetrasodium ethylenediaminetetraacetate, 2480
- Thallos chloride, 2480
- L-Theanine, 2196
- USP L-Theanine RS, 2196
- Theobromine, 2480
- Thermal analysis (891), 354
- Thermometers (21), 36
- Thermometric equivalents, 2604
- Thiamine assay (531), 152
- Thiamine hydrochloride, 1427
- USP Thiamine Hydrochloride RS, 1427
- Thiamine hydrochloride oral solution, 1428
- USP Thiamine Hydrochloride RS, 1428
- Thiamine hydrochloride tablets, 1428
- USP Thiamine Hydrochloride RS, 1428
- Thiamine mononitrate, 1429
- USP Thiamine Hydrochloride RS, 1429
- Thiamine mononitrate oral solution, 1430
- USP Thiamine Hydrochloride RS, 1430
- Thiazole yellow, 2480
- paper, 2489
- Thin-layer chromatographic identification test (201), 81
- Thioacetamide, 2481
- glycerin base TS, 2501
- TS, 2501
- 2-Thiobarbituric acid, 2481
- 2,2'-Thiodiethanol, 2481
- Thioglycolic acid, 2481
- Thionine acetate, 2481

- Thiourea, 2481
 Thorium nitrate, 2481
 TS, 2501
 Threonine, 1431
 USP L-Proline RS, 1431
 USP L-Threonine RS, 1431
 Thrombin human, 2481
 Thromboplastin, 2481
 Thyme oil, 2197
 Thymidine, 2481
 Thymol, 2198, 2481
 blue, 2488
 blue TS, 2501, 2501
 Thymolphthalein, 2488
 TS, 2501
 Thyroglobulin, 2481
 Tienchi ginseng root and rhizome, 1432
 USP Aflatoxins RS, 1432
 USP Ginsenoside Rg1 RS, 1432
 USP *Panax notoginseng* Root and Rhizome Dry Extract RS, 1432
 Tienchi ginseng root and rhizome dry extract, 1434
 USP Aflatoxins RS, 1434
 USP Ginsenoside Rg1 RS, 1434
 USP *Panax notoginseng* Root and Rhizome Dry Extract RS, 1434
 Tienchi ginseng root and rhizome powder, 1436
 USP Aflatoxins RS, 1436
 USP Ginsenoside Rg1 RS, 1436
 USP *Panax notoginseng* Root and Rhizome Dry Extract RS, 1436
 Tin, 2481
 Tincture
 capsicum, 983
 ginger, 1152
 Rhodiola rosea, 1364
 valerian, 1450
 Titanium
 tetrachloride, 2481
 trichloride, 2481
 trichloride-sulfuric acid TS, 2501
 trichloride, tenth-normal (0.1 N), 2509
 trichloride TS, 2501
 Titrimetry (541), 153
 All-*rac*- α -Tocopherol, 2199
 USP α -Tocopherol RS, 2199
RRR- α -Tocopherol concentrate, 2200
RRR-Tocopherols concentrate, mixed, 2202
 USP α -Tocopherol RS, 2202
 All-*rac*- α -Tocopheryl acetate, 2204
 USP α -Tocopheryl Acetate RS, 2204
RRR- α -Tocopheryl acetate, 2205
 USP α -Tocopherol Acetate RS, 2205
RRR- α -Tocopheryl acetate concentrate, 2206
 USP α -Tocopheryl Acetate RS, 2206
RRR- α -Tocopheryl acid succinate, 2208
 USP α -Tocopheryl Acid Succinate RS, 2208
o-Tolidine, 2481
 Tolualdehyde, 2481
p-Tolualdehyde, 2481
 Toluene, 2481
p-Toluenesulfonic acid, 2482
 TS, 2501
p-Toluenesulfonyl-L-arginine methyl ester hydrochloride, 2482
p-Toluic acid, 2482
 Tolidine
 blue, 2482
 blue O, 2482
o-Tolidine, 2482
p-Tolidine, 2482
 Tomato extract containing lycopene
 see Lycopene, tomato extract containing, 1242
 Total organic carbon (643), 224
 Tragacanth, 1929
 Transfer of analytical procedures (1224), 626
 Trehalose, 1929
 USP Endotoxin RS, 1929
 USP Trehalose RS, 1929
n-Triacotane, 2482
 2,4,6-Triamino-5-nitrosopyrimidine, 2482
 Tribasic sodium phosphate, 1906
 Tributylethylammonium hydroxide, 2482
 Tributyl phosphate, 2482
 Tributyrin, 2482
 Trichloroacetic acid, 2482
 Trichlorofluoromethane, 2482
 Trichlorotrifluoroethane, 2482
n-Tricosane, 2482
 Triethanolamine, 2482
 Triethylamine, 2482
 hydrochloride, 2482
 phosphate, 2483
 Triethyl citrate, 1931
 USP Acetyltriethyl Citrate RS, 1931
 USP Triethyl Citrate RS, 1931
 Triethylenediamine, 2483
 Triethylene glycol, 2483
 Trifluoroacetic acid, 2483
 anhydride, 2483
 2,2,2-Trifluoroethanol, 2483
 2,2,2-Trifluoroethyldifluoromethyl ether, 2483
 (*m*-Trifluoromethylphenyl) trimethylammonium hydroxide in methanol, 2483
 5-(Trifluoromethyl)uracil, 2483
 α,α,α -Trifluoro-*p*-cresol, 2483
 Trifluorovinyl chloride polymer, 2483
 Triketohydrindene hydrate
 TS, 2501
 Trimethylacetylhydrazide ammonium chloride, 2483
 2,2,4-Trimethylpentane, 2483
 2,4,6-Trimethylpyridine, 2483
N-(Trimethylsilyl)-imidazole, 2483
 Trimethyltin bromide, 2483
 2,4,6-Trinitrobenzenesulfonic acid, 2483
 Trinitrophenol
 TS, 2501
 Trioctylphosphine oxide, 2484
 1,3,5-Triphenylbenzene, 2484
 Triphenylmethane, 2484
 Triphenylmethanol, 2484
 Triphenyltetrazolium chloride, 2484
 chloride TS, 2501
 Tris(2-aminoethyl)amine, 2484
 Tris(hydroxymethyl)aminomethane, 2484
 acetate, 2484
 hydrochloride, 2484
N-Tris(hydroxymethyl)methylglycine, 2484
 Trisodium pyrophosphate, 2210
 Tritirachium album proteinase K, 2484
 Tromethamine, 2484
 Tropaeolin OO, 2484
 Tropic acid, 2484
 Tropine, 2484
 Trypan blue, 2484
 Trypsin, crystallized, 1438
 USP Trypsin Crystallized RS, 1438
 Tryptophan, 1439
 USP L-Tryptophan RS, 1439
 USP Tryptophan Related Compound A RS, 1439
 USP Tryptophan Related Compound B RS, 1439
 DL-Tryptophan, 2210
 L-Tryptophane, 2484
 Tuberculin purified protein derivative (*Tuberculin PPD*), 2484
 Tubocurarine chloride, 2484
 Tungstic acid, 2484
 Turmeric, 1441
 USP Bisdesmethoxycurcumin RS, 1441
 USP Curcuminoids RS, 1441
 USP Curcumin RS, 1441
 USP Desmethoxycurcumin RS, 1441
 Turmeric extract, powdered, 1443
 USP Bisdesmethoxycurcumin RS, 1443
 USP Curcuminoids RS, 1443
 USP Curcumin RS, 1443
 USP Desmethoxycurcumin RS, 1443
 Turmeric paper, 2489
 Turmeric, powdered, 1442
 USP Bisdesmethoxycurcumin RS, 1442
 USP Curcuminoids RS, 1442
 USP Curcumin RS, 1442

USP Desmethoxycurcumin RS, 1442
 Tyrosine, 1445
 USP L-Phenylalanine RS, 1445
 USP L-Tyrosine RS, 1445
 L-Tyrosine disodium, 2484

U

Ubidecarenone, 1445
 USP Ubidecarenone for System Suitability RS, 1445
 USP Ubidecarenone Related Compound A RS, 1445
 USP Ubidecarenone RS, 1445
 Ubidecarenone capsules, 1446
 USP Ubidecarenone Related Compound A RS, 1446
 USP Ubidecarenone RS, 1446
 Ubidecarenone tablets, 1448
 USP Ubidecarenone Related Compound A RS, 1448
 USP Ubidecarenone RS, 1448
 Ultraviolet-visible spectroscopy (857), 347
 Ultraviolet-visible spectroscopy—theory and practice (1857), 780
 Uniformity of dosage units (905), 357
 Uracil, 2484
 Uranyl acetate, 2485
 cobalt, TS, 2493
 zinc, TS, 2501
 Urea, 2485
 Urethane, 2485
 Uridine, 2485
 USP and NF excipients listed by category, 1725
 USP reference standards (11), 34

V

Valerian, 1449
 USP Valerianic Acid RS, 1449
 USP Powdered Valerian Extract RS, 1449
 Valerian extract, powdered, 1454
 USP Valerianic Acid RS, 1454
 USP Powdered Valerian Extract RS, 1454
 Valerian, powdered, 1452
 USP Valerianic Acid RS, 1452
 USP Powdered Valerian Extract RS, 1452
 Valerian tablets, 1455
 USP Valerianic Acid RS, 1455
 USP Powdered Valerian Extract RS, 1455
 Valerian tincture, 1450
 USP Valerianic Acid RS, 1450
 USP Powdered Valerian Extract RS, 1450
 Valeric acid, 2485
 Valerophenone, 2485
 Validation of alternative microbiological methods (1223), 622

Validation of compendial methods (1225), 628
 Validation of microbial recovery from pharmacopeial articles (1227), 634
 Valine, 1456
 USP L-Phenylalanine RS, 1456
 USP L-Valine RS, 1456
 Vanadium pentoxide, 2485
 Vanadyl sulfate, 2485
 Vanillin, 1931
 USP Vanillin RS, 1931
 Vegetable oil phytosterol esters, 2212
 Verification of compendial methods (1226), 633
 Vinpocetine, 1457
 USP Vinpocetine Related Compound A RS, 1457
 USP Vinpocetine Related Compound B RS, 1457
 USP Vinpocetine Related Compound C RS, 1457
 USP Vinpocetine Related Compound D RS, 1457
 USP Vinpocetine RS, 1457
 Vinpocetine capsules, 1458
 USP Vinpocetine RS, 1458
 Vinpocetine tablets, 1459
 USP Vinpocetine RS, 1459
 Vinyl acetate, 2485
 2-Vinylpyridine, 2485
 Vinylpyrrolidinone, 2485
 Vitamin A, 1460
 USP Retinyl Acetate RS, 1460
 USP Retinyl Palmitate RS, 1460
 Vitamin A assay (571), 191
 Vitamin A capsules, 1461
 USP Retinyl Acetate RS, 1461
 USP Retinyl Palmitate RS, 1461
 Vitamin A oral liquid preparation, 1461
 USP Retinyl Acetate RS, 1461
 USP Retinyl Palmitate RS, 1461
 Vitamin B1
 see Thiamine hydrochloride, 1427
 Vitamin B2
 see Riboflavin, 1359
 Vitamin B3
 see Niacin, 1305
 Vitamin B6
 see Pyridoxine hydrochloride, 1347
 Vitamin B6 tablets
 see Pyridoxine hydrochloride tablets, 1348
 Vitamin B7
 see Biotin, 915
 Vitamin B12
 see Cyanocobalamin, 1052
 Vitamin B12 activity assay (171), 74
 Vitamin C
 see Ascorbic Acid, 879
 and zinc lozenges, 1714
 Vitamin C tablets
 see Ascorbic acid tablets, 880

Vitamin D
 and calcium with minerals tablets, 975
 with calcium tablets, 973
 Vitamin D2
 see Ergocalciferol, 1090
 Vitamin D3
 see Cholecalciferol, 1020
 Vitamin D assay (581), 196
 Vitamin E, 1462
 USP Alpha Tocopherol RS, 1462
 USP Alpha Tocopheryl Acetate RS, 1462
 USP Alpha Tocopheryl Acid Succinate RS, 1462
 Vitamin E assay (551), 156
 USP Alpha Tocopherol RS, 156
 USP Alpha Tocopheryl Acetate RS, 156
 USP Alpha Tocopheryl Acid Succinate RS, 156
 USP Ergocalciferol RS, 156
 Vitamin E capsules, 1466
 USP Alpha Tocopherol RS, 1466
 USP Alpha Tocopheryl Acetate RS, 1466
 USP Alpha Tocopheryl Acid Succinate RS, 1466
 Vitamin E polyethylene glycol succinate, 1468
 USP Alpha Tocopherol RS, 1468
 Vitamin E preparation, 1464
 USP Alpha Tocopherol RS, 1464
 USP Alpha Tocopheryl Acetate RS, 1464
 USP Alpha Tocopheryl Acid Succinate RS, 1464
 Vitamin K1
 see Phytonadione, 1326
 Vitamin K2
 see Menaquinone-7, 1268
 Vitamins with minerals tablets, water-soluble, 1685
 USP Biotin RS, 1685
 USP Calcium Pantothenate RS, 1685
 USP Cyanocobalamin RS, 1685
 USP Folic Acid RS, 1685
 USP Niacinamide RS, 1685
 USP Niacin RS, 1685
 USP Pyridoxine Hydrochloride RS, 1685
 USP Riboflavin RS, 1685
 USP Sodium Fluoride RS, 1685
 USP Thiamine Hydrochloride RS, 1685
 Vitamins capsules, water-soluble, 1630
 USP Biotin RS, 1630
 USP Calcium Pantothenate RS, 1630
 USP Cyanocobalamin RS, 1630
 USP Dexpanthenol RS, 1630
 USP Folic Acid RS, 1630
 USP Niacinamide RS, 1630
 USP Niacin RS, 1630

- USP Pyridoxine Hydrochloride RS, 1630
- USP Racemic Panthenol RS, 1630
- USP Riboflavin RS, 1630
- USP Thiamine Hydrochloride RS, 1630
- Vitamins with minerals capsules, oil- and water-soluble, 1562
 - USP Alpha Tocopherol RS, 1562
 - USP Alpha Tocopheryl Acetate RS, 1562
 - USP Alpha Tocopheryl Acid Succinate RS, 1562
 - USP Biotin RS, 1562
 - USP Calcium Pantothenate RS, 1562
 - USP Cholecalciferol RS, 1562
 - USP Cyanocobalamin RS, 1562
 - USP Dexpanthenol RS, 1562
 - USP Ergocalciferol RS, 1562
 - USP Folic Acid RS, 1562
 - USP Niacinamide RS, 1562
 - USP Niacin RS, 1562
 - USP Phytonadione RS, 1562
 - USP Pyridoxine Hydrochloride RS, 1562
 - USP Racemic Panthenol RS, 1562
 - USP Riboflavin RS, 1562
 - USP Sodium Fluoride RS, 1562
 - USP Thiamine Hydrochloride RS, 1562
 - USP Vitamin A RS, 1562
- Vitamins with minerals capsules, water-soluble, 1655
 - USP Biotin RS, 1655
 - USP Calcium Pantothenate RS, 1655
 - USP Cyanocobalamin RS, 1655
 - USP Dexpanthenol RS, 1655
 - USP Folic Acid RS, 1655
 - USP Niacinamide RS, 1655
 - USP Niacin RS, 1655
 - USP Pyridoxine Hydrochloride RS, 1655
 - USP Riboflavin RS, 1655
 - USP Sodium Fluoride RS, 1655
 - USP Thiamine Hydrochloride RS, 1655
- Vitamins with minerals oral solution, oil- and water-soluble, 1589
 - USP Alpha Tocopherol RS, 1589
 - USP Biotin RS, 1589
 - USP Calcium Pantothenate RS, 1589
 - USP Cholecalciferol RS, 1589
 - USP Cyanocobalamin RS, 1589
 - USP Dexpanthenol RS, 1589
 - USP Ergocalciferol RS, 1589
 - USP Niacinamide RS, 1589
 - USP Niacin RS, 1589
 - USP Pyridoxine Hydrochloride RS, 1589
 - USP Racemic Panthenol RS, 1589
 - USP Riboflavin RS, 1589
 - USP Sodium Fluoride RS, 1589
 - USP Thiamine Hydrochloride RS, 1589
- USP Vitamin A RS, 1589
- Vitamins with minerals oral solution, water-soluble, 1676
 - USP Calcium Pantothenate RS, 1676
 - USP Cyanocobalamin RS, 1676
 - USP Dexpanthenol RS, 1676
 - USP Niacinamide RS, 1676
 - USP Niacin RS, 1676
 - USP Pyridoxine Hydrochloride RS, 1676
 - USP Racemic Panthenol RS, 1676
 - USP Riboflavin RS, 1676
 - USP Thiamine Hydrochloride RS, 1676
- Vitamins with minerals tablets, oil- and water-soluble, 1603
 - USP Alpha Tocopherol RS, 1603
 - USP Alpha Tocopheryl Acetate RS, 1603
 - USP Alpha Tocopheryl Acid Succinate RS, 1603
 - USP Biotin RS, 1603
 - USP Calcium Pantothenate RS, 1603
 - USP Cholecalciferol RS, 1603
 - USP Cyanocobalamin RS, 1603
 - USP Ergocalciferol RS, 1603
 - USP Folic Acid RS, 1603
 - USP Niacinamide RS, 1603
 - USP Niacin RS, 1603
 - USP Phytonadione RS, 1603
 - USP Pyridoxine Hydrochloride RS, 1603
 - USP Riboflavin RS, 1603
 - USP Sodium Fluoride RS, 1603
 - USP Thiamine Hydrochloride RS, 1603
 - USP Vitamin A RS, 1603
- Vitamins capsules, oil-soluble, 1469
 - USP Alpha Tocopherol RS, 1469
 - USP Alpha Tocopheryl Acetate RS, 1469
 - USP Alpha Tocopheryl Acid Succinate RS, 1469
 - USP Cholecalciferol RS, 1469
 - USP Ergocalciferol RS, 1469
 - USP Phytonadione RS, 1469
 - USP Vitamin A RS, 1469
- Vitamins with minerals capsules, oil-soluble, 1486
 - USP Alpha Tocopherol RS, 1486
 - USP Alpha Tocopheryl Acetate RS, 1486
 - USP Alpha Tocopheryl Acid Succinate RS, 1486
 - USP Beta Carotene System Suitability RS, 1486
 - USP Beta Carotene RS, 1486
 - USP Cholecalciferol RS, 1486
 - USP Ergocalciferol RS, 1486
 - USP Phytonadione RS, 1486
 - USP Retinyl Palmitate RS, 1486
 - USP Sodium Fluoride RS, 1486
 - USP Vitamin A RS, 1486, 1486
- Vitamins with minerals oral solution, oil-soluble, 1497
 - USP Alpha Tocopherol RS, 1497
 - USP Alpha Tocopheryl Acetate RS, 1497
 - USP Alpha Tocopheryl Acid Succinate RS, 1497
 - USP Beta Carotene System Suitability RS, 1497
 - USP Beta Carotene RS, 1497
 - USP Cholecalciferol RS, 1497
 - USP Ergocalciferol RS, 1497
 - USP Phytonadione RS, 1497
 - USP Retinyl Acetate RS, 1497
 - USP Retinyl Palmitate RS, 1497
 - USP Sodium Fluoride RS, 1497
- Vitamins with minerals tablets, oil-soluble, 1503
 - USP Alpha Tocopherol RS, 1503
 - USP Alpha Tocopheryl Acetate RS, 1503
 - USP Alpha Tocopheryl Acid Succinate RS, 1503
 - USP Cholecalciferol RS, 1503
 - USP Ergocalciferol RS, 1503
 - USP Phytonadione RS, 1503
 - USP Retinyl Acetate RS, 1503
 - USP Retinyl Palmitate RS, 1503
 - USP Sodium Fluoride RS, 1503
- Vitamins oral solution, oil-soluble, 1483
 - USP Alpha Tocopherol RS, 1483
 - USP Alpha Tocopheryl Acetate RS, 1483
 - USP Alpha Tocopheryl Acid Succinate RS, 1483
 - USP Beta Carotene System Suitability RS, 1483
 - USP Beta Carotene RS, 1483
 - USP Cholecalciferol RS, 1483
 - USP Ergocalciferol RS, 1483
 - USP Phytonadione RS, 1483
 - USP Retinyl Acetate RS, 1483
 - USP Retinyl Palmitate RS, 1483
- Vitamins capsules, oil- and water-soluble, 1514
 - USP Alpha Tocopherol RS, 1514
 - USP Alpha Tocopheryl Acetate RS, 1514
 - USP Alpha Tocopheryl Acid Succinate RS, 1514
 - USP Biotin RS, 1514
 - USP Calcium Pantothenate RS, 1514
 - USP Cholecalciferol RS, 1514
 - USP Cyanocobalamin RS, 1514
 - USP Dexpanthenol RS, 1514
 - USP Ergocalciferol RS, 1514
 - USP Folic Acid RS, 1514
 - USP Niacinamide RS, 1514
 - USP Niacin RS, 1514
 - USP Phytonadione RS, 1514
 - USP Pyridoxine Hydrochloride RS, 1514
 - USP Racemic Panthenol RS, 1514

- USP Riboflavin RS, 1514
 USP Thiamine Hydrochloride RS, 1514
 USP Vitamin A RS, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 USP Alpha Tocopherol RS, 1534
 USP Calcium Pantothenate RS, 1534
 USP Cholecalciferol RS, 1534
 USP Cyanocobalamin RS, 1534
 USP Dexpanthenol RS, 1534
 USP Ergocalciferol RS, 1534
 USP Niacinamide RS, 1534
 USP Niacin RS, 1534
 USP Pyridoxine Hydrochloride RS, 1534
 USP Racemic Panthenol RS, 1534
 USP Riboflavin RS, 1534
 USP Thiamine Hydrochloride RS, 1534
 USP Vitamin A RS, 1534
 Vitamins tablets, oil-soluble, 1476
 USP Alpha Tocopherol RS, 1476
 USP Alpha Tocopheryl Acetate RS, 1476
 USP Alpha Tocopheryl Acid Succinate RS, 1476
 USP Cholecalciferol RS, 1476
 USP Ergocalciferol RS, 1476
 USP Phytonadione RS, 1476
 USP Vitamin A RS, 1476
 Vitamins tablets, oil- and water-soluble, 1543
 USP Alpha Tocopherol RS, 1543
 USP Alpha Tocopheryl Acetate RS, 1543
 USP Alpha Tocopheryl Acid Succinate RS, 1543
 USP Biotin RS, 1543
 USP Calcium Pantothenate RS, 1543
 USP Cholecalciferol RS, 1543
 USP Cyanocobalamin RS, 1543
 USP Ergocalciferol RS, 1543
 USP Folic Acid RS, 1543
 USP Niacinamide RS, 1543
 USP Niacin RS, 1543
 USP Phytonadione RS, 1543
 USP Pyridoxine Hydrochloride RS, 1543
 USP Riboflavin RS, 1543
 USP Thiamine Hydrochloride RS, 1543
 USP Vitamin A RS, 1543
 Vitamins tablets, water-soluble, 1643
 USP Biotin RS, 1643
 USP Calcium Pantothenate RS, 1643
 USP Cyanocobalamin RS, 1643
 USP Folic Acid RS, 1643
 USP Niacinamide RS, 1643
 USP Niacin RS, 1643
 USP Pyridoxine Hydrochloride RS, 1643
 USP Riboflavin RS, 1643
 USP Thiamine Hydrochloride RS, 1643
 Volumetric apparatus (31), 37
 Volumetric solutions, 2501
- ## W
- Water
 ammonia, stronger, 2423
 ammonia-free, 2485
 carbon dioxide-free, 2485
 cetyltrimethylammonium chloride, 25 percent in, 2435
 deaerated, 2486
 D-gluconic acid, 50 percent in, 2448
 hydrazine hydrate, 85% in, 2450
 methylamine, 40 percent in, 2457
 peppermint, 1865
 soluble vitamins capsules, 1630
 soluble vitamins with minerals capsules, 1655
 soluble vitamins with minerals oral solution, 1676
 soluble vitamins with minerals tablets, 1685
 soluble vitamins tablets, 1643
 vapor detector tube, 2486
 vitamins capsules, and oil-soluble, 1514
 vitamins with minerals capsules, and oil-soluble, 1562
 vitamins with minerals oral solution, and oil-soluble, 1589
 vitamins with minerals tablets, and oil-soluble, 1603
 vitamins oral solution, and oil-soluble, 1534
 vitamins tablets, and oil-soluble, 1543
 Water conductivity (645), 226
 Water determination (921), 363
 Water for health applications (1230), 642
 Water for pharmaceutical purposes (1231), 643
 Water-solid interactions in pharmaceutical systems (1241), 668
 Wax
 candelilla, 1772
 carnauba, 1932
 white beeswax, 1991
 yellow, 1932
 yellow beeswax, 1991
 Weighing on an analytical balance (1251), 672
 Weight variation of dietary supplements (2091), 820
 Weights and balances (41), 38
 Wheat bran, 1704
 Whey, 2214
 USP Anhydrous Lactose RS, 2214
 USP Fructose RS, 2214
 Whey protein concentrate, 2215
 USP Anhydrous Lactose RS, 2215
 Whey protein isolate, 2216
 USP Anhydrous Lactose RS, 2216
 Whey, reduced lactose, 2217
 USP Anhydrous Lactose RS, 2217
 Whey, reduced minerals, 2219
 USP Anhydrous Lactose RS, 2219
 White wax
 see Beeswax, white, 1991
 Wintergreen oil, 2220
 Wright's stain, 2486
- ## X
- Xanthine, 2486
 Xanthinol, 2486
 X-Ray diffraction (941), 367
 X-Ray fluorescence spectrometry (735), 283
 Xylene, 2486
 m-Xylene, 2486
 o-Xylene, 2486
 p-Xylene, 2486
 Xylene cyanole FF, 2486
 Xylenol orange, 2488
 TS, 2501
 Xylitol, 1933
 USP L-Arabinitol RS, 1933
 USP Galactitol RS, 1933
 USP Mannitol RS, 1933
 USP Sorbitol RS, 1933
 USP Xylitol RS, 1933
 Xylose, 2221, 2486
- ## Y
- Yeast
 autolyzed, 2223
 dried, 2224
 extract, 2222, 2486
 Yellow wax, 1932
 see Beeswax, yellow, 1991
- ## Z
- meso*-Zeaxanthin, 1706
 USP *meso*-Zeaxanthin RS, 1706
meso-Zeaxanthin preparation, 1707
 USP *meso*-Zeaxanthin RS, 1707
 Zein, 1934
 Zinc, 2486
 acetate, 1709, 2486
 acetate oral solution, 1710
 activated, 2486
 amalgam, 2486
 carbonate, 1710
 chloride, 1711
 chloride, anhydrous, powdered, 2486
 citrate, 1711
 citrate tablets, 1712

oxide, 1718
oxide neutral, 1719
stearate, 1720
sulfate, 1721
sulfate heptahydrate, 2487
sulfate oral solution, 1721

sulfate tablets, 1722
sulfate, twentieth-molar (0.05 M),
2509
uranyl acetate TS, 2501
and vitamin C lozenges, 1714
Zinc gluconate, 1715

USP Potassium Gluconate RS, 1715
Zinc gluconate tablets, 1717
USP Potassium Gluconate RS, 1717
Zinc determination (591), 206
Zirconyl nitrate, 2487

USP Reference Standards Index

A

- USP Acesulfame Potassium RS
Acesulfame potassium, 1737
Aspartame acesulfame, 1751
- USP Acetone RS
Acetone, 1739
Methyl alcohol, 1847
- USP 3-Acetyl-11-keto- β -Boswellic Acid RS
Boswellia serrata, 934
Boswellia serrata extract, 936
- USP Acetylcysteine RS
Acetylcysteine, 854
- USP N-Acetylglucosamine RS
N-Acetylglucosamine, 853
- USP N-Acetyl-L-tyrosine RS
N-Acetyltyrosine, 855
- USP Acetyltriethyl Citrate RS
Triethyl citrate, 1931
- USP Actein RS
Black cohosh, 917
Black cohosh extract, powdered, 923
Black cohosh fluidextract, 919
Black cohosh, powdered, 921
Black cohosh tablets, 925
- USP Adenine RS
Adenine, 855
Adenosine, 856
- USP Adenosine RS
Adenosine, 856
- USP S-Adenosyl-L-homocysteine RS
S-Adenosyl-L-methionine disulfate tosylate, 1375
- USP S-Adenosyl-L-methionine Disulfate Tosylate RS
S-Adenosyl-L-methionine disulfate tosylate, 1375
- USP Adipic Acid RS
Adipic acid, 1740
- USP Aflatoxins RS
Ashwagandha root, 881
Ashwagandha root extract, powdered, 885
Ashwagandha root, powdered, 883
Asian ginseng, 886
Asian ginseng extract, powdered, 889
Asian ginseng, powdered, 888
Asian ginseng tablets, 890
Chinese salvia, 1014
Chinese salvia, powdered, 1017
Curcuminoids, 1048
Curcuminoids capsules, 1049
Curcuminoids tablets, 1050
Forskohlii, 1119
Forskohlii extract, powdered, 1122
Forskohlii, powdered, 1121
- Lycopene, tomato extract containing, 1242
Pygeum, 1343
Pygeum capsules, 1346
Pygeum extract, 1344
Rhodiola rosea, 1362
Rhodiola rosea extract, powdered, 1367
Rhodiola rosea, powdered, 1365
Rhodiola rosea tincture, 1364
Soy isoflavones capsules, 1417
Soy isoflavones extract, powdered, 1415
Soy isoflavones tablets, 1419
Tienchi ginseng root and rhizome, 1432
Tienchi ginseng root and rhizome dry extract, 1434
Tienchi ginseng root and rhizome powder, 1436
Turmeric extract, powdered, 1443
Turmeric, powdered, 1442
- USP Agar RS
Agar, 857, 1741
- USP Agigenin RS
Garlic, 1138
Garlic, powdered, 1140
- USP Agnuside RS
Chaste Tree, 1009
Powdered Chaste Tree Extract, 1013
Powdered Chaste Tree, 1011
- USP L-Alanine RS
Alanine, 858
L-Alanyl-L-glutamine, 859
- USP L-Alanyl-L-alanine RS
L-Alanyl-L-glutamine, 859
- USP Alanyl-L-alanine RS
Glycyl-L-tyrosine, 1179
- USP L-Alanyl-L-alanine RS
Glycyl-L-glutamine, 1177
- USP L-Alanyl-L-glutamine RS
L-Alanyl-L-glutamine, 859
Glycyl-L-glutamine, 1177
Glycyl-L-tyrosine, 1179
- USP Alcohol RS
Alcohol, 1742
- USP Alliin RS
Garlic, 1138
Garlic delayed-release tablets, 1144
Garlic extract, powdered, 1142
Garlic, powdered, 1140
- USP S-Allyl-L-cysteine RS
Garlic fluidextract, 1143
- USP Almond Oil RS
Identification of fixed oils by thin-layer chromatography (202), 82
- USP Aloin RS
Aloe, 861
- USP Alpha Cyclodextrin RS
Gamma cyclodextrin, 1797
- USP α -Tocopherol RS
All-rac- α -Tocopherol, 2199
RRR-Tocopherols Concentrate, Mixed, 2202
Vitamin E, 1462
Vitamin E assay (551), 156
Vitamin E capsules, 1466
Vitamin E polyethylene glycol succinate, 1468
Vitamin E preparation, 1464
Vitamins with minerals capsules, oil- and water-soluble, 1562
Vitamins with minerals oral solution, oil- and water-soluble, 1589
Vitamins with minerals tablets, oil- and water-soluble, 1603
Vitamins capsules, oil-soluble, 1469
Vitamins with minerals capsules, oil-soluble, 1486
Vitamins with minerals oral solution, oil-soluble, 1497
Vitamins with minerals tablets, oil-soluble, 1503
Vitamins oral solution, oil-soluble, 1483
Vitamins capsules, oil- and water-soluble, 1514
Vitamins oral solution, oil- and water-soluble, 1534
Vitamins tablets, oil-soluble, 1476
Vitamins tablets, oil- and water-soluble, 1543
- USP α -Tocopheryl Acetate RS
All-rac- α -Tocopheryl acetate, 2204
RRR- α -Tocopheryl acetate concentrate, 2206
Vitamin E, 1462
Vitamin E assay (551), 156
Vitamin E capsules, 1466
Vitamin E preparation, 1464
Vitamins with minerals capsules, oil- and water-soluble, 1562
Vitamins with minerals tablets, oil- and water-soluble, 1603
Vitamins capsules, oil-soluble, 1469
Vitamins with minerals capsules, oil-soluble, 1486
Vitamins with minerals oral solution, oil-soluble, 1497
Vitamins with minerals tablets, oil-soluble, 1503
Vitamins oral solution, oil-soluble, 1483
Vitamins capsules, oil- and water-soluble, 1514
Vitamins tablets, oil-soluble, 1476
Vitamins tablets, oil- and water-soluble, 1543

- USP α -Tocopheryl Acid Succinate RS
 RRR- α -Tocopheryl acid succinate, 2208
 Vitamin E, 1462
 Vitamin E assay (551), 156
 Vitamin E capsules, 1466
 Vitamin E preparation, 1464
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil-soluble, 1469
 Vitamins with minerals capsules, oil-soluble, 1486
 Vitamins with minerals oral solution, oil-soluble, 1497
 Vitamins with minerals tablets, oil-soluble, 1503
 Vitamins oral solution, oil-soluble, 1483
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins tablets, oil-soluble, 1476
 Vitamins tablets, oil- and water-soluble, 1543
- USP Powdered American Ginseng Extract RS
 American ginseng, 862
 American ginseng capsules, 866
 American ginseng extract, powdered, 865
 American ginseng, powdered, 864
 American ginseng tablets, 869
- USP 4-Aminobenzoylglutamic Acid RS
 Calcium L-5-methyltetrahydrofolate, 958
- USP Ammonium Glycyrrhizate RS
 Ammonium glycyrrhizate, 1745
- USP Powdered Andrographis Extract RS
 Andrographis, 871
 Andrographis extract, powdered, 874
 Andrographis, powdered, 873
- USP Andrographolide RS
 Andrographis, 871
 Andrographis extract, powdered, 874
 Andrographis, powdered, 873
- USP 1,6-Anhydro-D-glucose RS
 Polydextrose, 1868
- USP Anhydrous Lactose RS
 Anhydrous lactose, 1831
 Whey, 2214
 Whey protein concentrate, 2215
 Whey protein isolate, 2216
 Whey, reduced lactose, 2217
 Whey, reduced minerals, 2219
- USP Apigenin-7-glucoside RS
 Chamomile, 1006
- USP Apigenin RS
 Soy isoflavones capsules, 1417
 Soy isoflavones extract, powdered, 1415
- Soy isoflavones tablets, 1419
- USP Apocarotenal RS
 Astaxanthin esters, 892
- USP L-Arabinitol RS
 Xylitol, 1933
- USP Arginine Hydrochloride RS
 Arginine capsules, 878
 Arginine hydrochloride, 877
 Arginine tablets, 878
 Cystine, 1054
 Lysine acetate, 1244
 Lysine hydrochloride, 1245
- USP L-Arginine RS
 Arginine, 876
 Arginine capsules, 878
 Arginine tablets, 878
- USP Ascorbic Acid RS
 Ascorbic acid, 879
 Glutathione, 1174
- USP Ascorbyl Palmitate RS
 Ascorbyl palmitate, 1749
- USP Powdered Ashwagandha Root Extract RS
 Ashwagandha root, 881
 Ashwagandha root extract, powdered, 885
 Ashwagandha root, powdered, 883
- USP Powdered Asian Ginseng Extract RS
 American ginseng, 862
 American ginseng capsules, 866
 American ginseng extract, powdered, 865
 American ginseng, powdered, 864
 American ginseng tablets, 869
 Asian ginseng, 886
 Asian ginseng extract, powdered, 889
 Asian ginseng, powdered, 888
 Asian ginseng tablets, 890
- USP Asiaticoside RS
Centella asiatica, 1000
Centella asiatica extract, powdered, 1003
Centella asiatica, powdered, 1002
Centella asiatica triterpenes, 1005
- USP Asparagine Anhydrous RS
 Asparagine, 1749
- USP Asparagine Monohydrate RS
 Asparagine, 1749
- USP Aspartame Acesulfame RS
 Aspartame acesulfame, 1751
- USP Aspartame Related Compound A RS
 Aspartame, 1750
 Aspartame acesulfame, 1751
- USP Aspartame RS
 Aspartame, 1750
- USP Aspartic Acid RS
 Aspartic acid, 891
 Glutamic acid, 1172
 Stinging nettle, 1420
- Stinging nettle extract, powdered, 1424
- Stinging nettle, powdered, 1422
- USP Astaxanthin Esters from *Haematococcus pluvialis* RS
 Astaxanthin esters, 892
 Krill oil, 1216
 Krill oil capsules, 1219
 Krill oil delayed-release capsules, 1222
- USP Astaxanthin (Synthetic) RS
 Krill oil, 1216
 Krill oil capsules, 1219
 Krill oil delayed-release capsules, 1222
- USP Aztec Marigold Zeaxanthin Extract RS
 Aztec marigold zeaxanthin extract, 894

B

- USP Powdered Bacopa Extract RS
 Bacopa, 896
 Bacopa extract, powdered, 899
 Bacopa, powdered, 898
- USP Bacoside A₃ RS
 Bacopa, 896
 Bacopa extract, powdered, 899
 Bacopa, powdered, 898
- USP Behenoyl Polyoxylglycerides RS
 Behenyl polyoxylglycerides, 1753
- USP Benzoic Acid RS
 Benzaldehyde, 1755
 Potassium benzoate, 1883
 Sodium benzoate, 1902
- USP Benzyl Alcohol RS
 Benzaldehyde, 1755
 Benzyl alcohol, 1756
- USP Benzyl Benzoate RS
 Benzyl benzoate, 1758
- USP Berberine Chloride RS
 Goldenseal, 1180
 Goldenseal extract, powdered, 1182
 Goldenseal, powdered, 1181
- USP Beta Alanine RS
 Calcium pantothenate, 966
- USP Beta Carotene System Suitability RS
 Beta carotene preparation, 909
 Vitamins with minerals capsules, oil-soluble, 1486
 Vitamins with minerals oral solution, oil-soluble, 1497
 Vitamins oral solution, oil-soluble, 1483
- USP Beta Carotene RS
 Beta carotene, 906
 Beta carotene capsules, 907
 Beta carotene preparation, 909
 Vitamins with minerals capsules, oil-soluble, 1486

- Vitamins with minerals oral solution, oil-soluble, 1497
 Vitamins oral solution, oil-soluble, 1483
 USP Beta Cyclodextrin RS
 Gamma cyclodextrin, 1797
 USP Beta Glucan RS
 Beta glucan, 910
 Beta glucan from Baker's Yeast (*Saccharomyces cerevisiae*), 1993
 USP Betaine RS
 Betaine, 1996
 USP Beta Carotene System Suitability RS
 Beta carotene, 906
 Beta carotene capsules, 907
 USP Powdered Bilberry Extract RS
 Bilberry extract, powdered, 913
 USP Bile Salts RS
 Pancreatin, 1315
 Pancreatin tablets, 1317
 USP Biochanin A RS
 Clover, red, 1350
 Powdered Red Clover, red, extract, powdered, 1355
 Clover, red, powdered, 1353
 Clover, red, tablets, 1357
 USP Biotin RS
 Biotin, 915
 Biotin capsules, 916
 Biotin tablets, 917
 Vitamins with minerals tablets, water-soluble, 1685
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643
 USP Bisdesmethoxycurcumin RS
 Curcuminoids, 1048
 Curcuminoids capsules, 1049
 Curcuminoids tablets, 1050
 Turmeric extract, powdered, 1443
 Turmeric, powdered, 1442
 Turmeric, 1441
 USP Powdered Black Cohosh Extract RS
 Black cohosh, 917
 Black cohosh extract, powdered, 923
 Black cohosh fluidextract, 919
 Black cohosh, powdered, 921
 Black cohosh tablets, 925
 USP Powdered Black Pepper Extract RS
 Black pepper, 927
 Black pepper extract, powdered, 931
 Black pepper, powdered, 929
 USP Borage Seed Oil RS
 Borage seed oil capsules, 933
 Identification of fixed oils by thin-layer chromatography (202), 82
 USP *Boswellia serrata* Extract RS
Boswellia serrata, 934
Boswellia serrata extract, 936
 USP Butane-1,3-diol RS
 Butylene glycol, 1763
 USP 1-Butanol RS
 Butyl alcohol, 1759
 USP 2-Butanol RS
 Butyl alcohol, 1759
 Pectin, 1319
 USP 3-*tert*-Butyl-4-hydroxyanisole RS
 Butylated hydroxyanisole, 1762
 USP Butylated Hydroxytoluene RS
 Butylated hydroxytoluene, 1762
 USP Butyl Palmitate RS
 Butyl palmitostearate, 1760
 Butyl stearate, 1761
 USP Butyl Stearate RS
 Butyl palmitostearate, 1760
 Butyl stearate, 1761
 USP 2-*tert*-Butyl-4-hydroxyanisole RS
 Butylated hydroxyanisole, 1762
 USP Butyraldehyde RS
 Butyl alcohol, 1759
- C**
- USP Caffeine RS
 Caffeine, 937
 Green tea, decaffeinated, powdered, extract, 1185
 USP Caftaric Acid RS
Echinacea angustifolia, 1059
Echinacea angustifolia extract, powdered, 1065
Echinacea angustifolia, powdered, 1062
Echinacea pallida, 1068
Echinacea pallida extract, powdered, 1072
Echinacea pallida, powdered, 1070
Echinacea purpurea extract, powdered, 1077
Echinacea purpurea, powdered, 1075
Echinacea purpurea root, 1082
Echinacea purpurea aerial parts, 1080
 USP Calcifediol RS
 Calcifediol, 938
 Calcifediol capsules, 938
 USP Calcium Ascorbate RS
 Calcium ascorbate, 942
 USP Calcium DL-5-Methyltetrahydrofo-
 late RS
 Calcium L-5-methyltetrahydrofolate, 958
 Calcium L-5-methyltetrahydrofolate capsules, 961
 Calcium L-5-methyltetrahydrofolate tablets, 962
 USP Calcium Gluceptate RS
 Calcium gluceptate, 952
 USP Calcium Gluconate Anhydrous RS
 Calcium gluconate, 953
 USP Calcium Gluconate Anhydrous RS
 Calcium gluconate, 953
 USP Calcium (-)-Hydroxycitrate RS
Garcinia cambogia, 1131
Garcinia cambogia, powdered, 1132
Garcinia hydroxycitrate extract, powdered, 1133
Garcinia indica, 1135
Garcinia indica, powdered, 1136
 USP Calcium Lactate RS
 Calcium lactate, 963
 USP Calcium Lactobionate RS
 Calcium lactobionate, 965
 USP Calcium Pantothenate RS
 Calcium pantothenate, racemic, 968
 Calcium pantothenate tablets, 967
 Calcium pantothenate, calcium chloride double salt, 2005
 Calcium pantothenate, 966
 Vitamins with minerals tablets, water-soluble, 1685
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643
 USP Calcium Saccharate RS
 Calcium saccharate, 973
 USP Candelilla Wax RS
 Candelilla wax, 1772
 USP Canola Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82
 USP Caprylic Acid RS
 Caprylic acid, 1773
 USP Capsaicin RS
 Capsaicin, 978
 Ginger, 1146
 Ginger capsules, 1150
 Ginger, powdered, 1148

- Ginger tincture, 1152
- USP Capsaicin RS
 - Capsicum, 979
 - Capsicum oleoresin, 981
 - Capsicum tincture, 983
- USP Carnosic Acid RS
 - Rosemary, 1369
 - Rosemary, Powdered, 1372
- USP Casticin RS
 - Chaste tree, 1009
 - Powdered Chaste Tree Extract, 1013
 - Powdered Chaste Tree, 1011
- USP (+)-Catechin RS
 - Grape seeds oligomeric proanthocyanidins, 1183
- USP Powdered Cat's Claw Extract RS
 - Cat's claw, 992
 - Cat's claw capsules, 997
 - Powdered Cat's claw extract, 996
 - Cat's claw, powdered, 994
 - Cat's claw tablets, 998
- USP Powdered *Centella asiatica* Extract RS
 - Centella asiatica*, 1000
 - Centella asiatica* extract, powdered, 1003
 - Centella asiatica*, powdered, 1002
 - Centella asiatica* triterpenes, 1005
- USP Cetyl Alcohol RS
 - Myristyl alcohol, 1854
 - Stearyl alcohol, 2184
- USP Powdered Chaste Tree Extract RS
 - Chaste tree, 1009
 - Powdered Chaste Tree Extract, 1013
 - Powdered Chaste Tree, 1011
- USP Chicoric Acid RS
 - Echinacea angustifolia*, 1059
 - Echinacea angustifolia* extract, powdered, 1065
 - Echinacea angustifolia*, powdered, 1062
 - Echinacea pallida*, 1068
 - Echinacea pallida* extract, powdered, 1072
 - Echinacea pallida*, powdered, 1070
 - Echinacea purpurea* extract, powdered, 1077
 - Echinacea purpurea*, powdered, 1075
 - Echinacea purpurea* root, 1082
 - Echinacea purpurea* aerial parts, 1080
- USP Powdered Chinese Salvia Extract RS
 - Chinese salvia, 1014
 - Chinese salvia, powdered, 1017
- USP Chitosan RS
 - Chitosan, 1779
- USP Chlorogenic Acid RS
 - Echinacea angustifolia*, 1059
 - Echinacea angustifolia* extract, powdered, 1065
 - Echinacea angustifolia*, powdered, 1062
 - Echinacea pallida*, 1068
- Echinacea pallida* extract, powdered, 1072
- Echinacea pallida*, powdered, 1070
- Echinacea purpurea* extract, powdered, 1077
- Echinacea purpurea*, powdered, 1075
- Echinacea purpurea* root, 1082
- Echinacea purpurea* aerial parts, 1080
- Ginkgo, 1153
- Ginkgo extract, powdered, 1156
- USP β -Chlorogenin RS
 - Garlic, 1138
 - Garlic, powdered, 1140
- USP Cholecalciferol RS
 - Calcium and vitamin D with minerals tablets, 975
 - Calcium with vitamin D tablets, 973
 - Cholecalciferol, 1020
 - Cholecalciferol capsules, 1021
 - Cholecalciferol solution, 1022
 - Cod liver oil, 1033
 - Cod liver oil capsules, 1035
 - Oleovitamin A and D, 1312
 - Oleovitamin A and D capsules, 1312
 - Vitamins with minerals capsules, oil- and water-soluble, 1562
 - Vitamins with minerals oral solution, oil- and water-soluble, 1589
 - Vitamins with minerals tablets, oil- and water-soluble, 1603
 - Vitamins capsules, oil-soluble, 1469
 - Vitamins with minerals capsules, oil-soluble, 1486
 - Vitamins with minerals oral solution, oil-soluble, 1497
 - Vitamins with minerals tablets, oil-soluble, 1503
 - Vitamins oral solution, oil-soluble, 1483
 - Vitamins capsules, oil- and water-soluble, 1514
 - Vitamins oral solution, oil- and water-soluble, 1534
 - Vitamins tablets, oil-soluble, 1476
 - Vitamins tablets, oil- and water-soluble, 1543
- USP Cholic Acid RS
 - Ox bile extract, 2127
- USP Choline Bitartrate RS
 - Choline bitartrate, 1023
- USP Choline Chloride RS
 - Choline bitartrate, 1023
 - Choline chloride, 1025
- USP Chondroitin Sulfate Sodium RS
 - Chondroitin sulfate sodium, 1026
 - Chondroitin sulfate sodium tablets, 1029
 - Glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane tablets, 1170
 - Glucosamine and chondroitin sulfate sodium tablets, 1163
- USP Chromium Picolinate RS
 - Chromium picolinate, 1031
- USP Citric Acid RS
 - Cranberry Liquid Preparation, 1039
 - Garcinia cambogia*, 1131
 - Garcinia cambogia*, powdered, 1132
 - Garcinia hydroxycitrate* extract, powdered, 1133
 - Garcinia indica*, 1135
 - Garcinia indica*, powdered, 1136
 - Monoglyceride citrate, 1851
- USP Powdered Red Clover Extract RS
 - Clover, red, 1350
 - Powdered Red Clover, red, extract, powdered, 1355
 - Clover, red, powdered, 1353
 - Clover, red, tablets, 1357
- USP Cod Liver Oil RS
 - Cod liver oil, 1033
 - Cod liver oil capsules, 1035
- USP Corn Oil RS
 - Identification of fixed oils by thin-layer chromatography (202), 82
- USP Corosolic Acid RS
 - Banaba leaf, 901
 - Banaba leaf dry extract, 903
 - Banaba leaf powder, 904
- USP Cottonseed Oil RS
 - Identification of fixed oils by thin-layer chromatography (202), 82
- USP Creatinine RS
 - Creatinine, 1795
- USP Crospovidone RS
 - Crospovidone, 1795
- USP Curcuminoids RS
 - Curcuminoids, 1048
 - Curcuminoids capsules, 1049
 - Curcuminoids tablets, 1050
 - Turmeric extract, powdered, 1443
 - Turmeric, powdered, 1442
 - Turmeric, 1441
- USP Curcumin RS
 - Curcuminoids, 1048
 - Curcuminoids capsules, 1049
 - Curcuminoids tablets, 1050
 - Turmeric extract, powdered, 1443
 - Turmeric, powdered, 1442
 - Turmeric, 1441
- USP Cyanidin-3-O-glucoside Chloride RS
 - Bilberry extract, powdered, 913
- USP Cyanidin Chloride RS
 - Bilberry extract, powdered, 913
- USP Cyanocobalamin RS
 - Cyanocobalamin, 1052
 - Cyanocobalamin tablets, 1053
 - Methylcobalamin, 1278
 - Vitamins with minerals tablets, water-soluble, 1685
 - Vitamins capsules, water-soluble, 1630
 - Vitamins with minerals capsules, oil- and water-soluble, 1562
 - Vitamins with minerals capsules, water-soluble, 1655

Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643
 USP Cyclohexylmethanol RS
 Benzaldehyde, 1755
 USP L-Cysteine Hydrochloride RS
 Cysteine hydrochloride, 1053
 USP Cystine RS
 Cystine, 1054

D

USP Daidzein RS
 Soy isoflavones capsules, 1417
 Soy isoflavones extract, powdered, 1415
 Soy isoflavones tablets, 1419
 USP Daidzin RS
 Soy isoflavones capsules, 1417
 Soy isoflavones extract, powdered, 1415
 Soy isoflavones tablets, 1419
 USP Dehydrocholic Acid RS
 Dehydrocholic acid, 1055
 Dehydrocholic acid tablets, 1056
 USP Desmethoxycurcumin RS
 Curcuminoids, 1048
 Curcuminoids capsules, 1049
 Curcuminoids tablets, 1050
 Turmeric extract, powdered, 1443
 Turmeric, powdered, 1442
 Turmeric, 1441
 USP Dexpantenol RS
 Dexpantenol, 1056
 Dexpantenol preparation, 1057
 Gamma cyclodextrin, 1797
 DL-Panthenol, 2128
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 USP Dextrose RS
 Anhydrous lactose, 1831
 Beta glucan, 910

Corn syrup, 1787
 Corn syrup, high fructose, 1791
 Cranberry Liquid Preparation, 1039
 Ganoderma lucidum fruiting body, 1124
 Ganoderma lucidum fruiting body powder, 1127
 Lactose monohydrate, 1832
 Maltodextrin, 1845
 Polydextrose, 1868
 Sugar, invert, 1822
 USP Daidzein RS
 Clover, red, 1350
 Powdered Red Clover, red, extract, powdered, 1355
 Clover, red, powdered, 1353
 Clover, red, tablets, 1357
 USP Diethylene Glycol RS
 Butylene glycol, 1763
 Glycerin, 1175
 Maltitol solution, 1843
 USP Dihydrocapsaicin RS
 Capsaicin, 978
 Capsicum, 979
 Capsicum oleoresin, 981
 Capsicum tincture, 983
 USP Dimethyl Sulfoxide RS
 Methylsulfonylmethane, 1279
 USP 6,6'-Dinicotinic Acid RS
 Niacin, 1305
 USP Diosmin for System Suitability RS
 Diosmin, 1058
 USP Diosmin RS
 Diosmin, 1058
 USP Docosahexaenoic Acid Ethyl Ester RS
Cryptocodinium cohnii oil, 1041
Cryptocodinium cohnii oil capsules, 1043
 Fish oil containing omega-3 acids, 1109
 Fish oil containing omega-3 acids capsules, 1112
 Fish oil containing omega-3 acids delayed-release capsules, 1115
 Krill oil, 1216
 Krill oil capsules, 1219
 Krill oil delayed-release capsules, 1222
 Omega-3 acid triglycerides, 1312
 Schizochytrium oil, 1392
 Schizochytrium oil capsules, 1395
 USP Docosyl Ferulate RS
 Pygeum capsules, 1346
 Pygeum extract, 1344

E

USP Powdered *Echinacea angustifolia* Extract RS
Echinacea angustifolia, 1059
Echinacea angustifolia extract, powdered, 1065

Echinacea angustifolia, powdered, 1062
 USP Powdered *Echinacea pallida* Extract RS
Echinacea pallida, 1068
Echinacea pallida extract, powdered, 1072
Echinacea pallida, powdered, 1070
 USP Powdered *Echinacea purpurea* Extract RS
Echinacea purpurea extract, powdered, 1077
Echinacea purpurea, powdered, 1075
Echinacea purpurea root, 1082
Echinacea purpurea aerial parts, 1080
 USP Echinacoside RS
Echinacea angustifolia, 1059
Echinacea angustifolia extract, powdered, 1065
Echinacea angustifolia, powdered, 1062
Echinacea pallida, 1068
Echinacea pallida extract, powdered, 1072
Echinacea pallida, powdered, 1070
Echinacea purpurea extract, powdered, 1077
Echinacea purpurea, powdered, 1075
Echinacea purpurea root, 1082
Echinacea purpurea aerial parts, 1080
 USP Eicosapentaenoic Acid Ethyl Ester RS
Cryptocodinium cohnii oil, 1041
Cryptocodinium cohnii oil capsules, 1043
 Fish oil containing omega-3 acids, 1109
 Fish oil containing omega-3 acids capsules, 1112
 Fish oil containing omega-3 acids delayed-release capsules, 1115
 Krill oil, 1216
 Krill oil capsules, 1219
 Krill oil delayed-release capsules, 1222
 Omega-3 acid triglycerides, 1312
 Schizochytrium oil, 1392
 Schizochytrium oil capsules, 1395
 USP Powdered Eleuthero Extract RS
 Eleuthero, 1085
 Eleuthero extract, powdered, 1088
 Eleuthero, powdered, 1086
 USP Eleutheroside B RS
 Eleuthero, 1085
 Eleuthero extract, powdered, 1088
 Eleuthero, powdered, 1086
 USP Eleutheroside E RS
 Eleuthero, 1085
 Eleuthero extract, powdered, 1088
 Eleuthero, powdered, 1086
 USP Endotoxin RS
 Caprylic acid, 1773
 Chitosan, 1779
 Egg phospholipids, 1801

Sorbitol, 1911
 Trehalose, 1929
 USP 23-*epi*-26-Deoxyactein RS
 Black cohosh, 917
 Black cohosh extract, powdered, 923
 Black cohosh fluidextract, 919
 Black cohosh, powdered, 921
 Black cohosh tablets, 925
 USP (–)-Epigallocatechin-3-O-gallate RS
 Green tea extract, powdered decaffeinated, 1185
 USP Ergocalciferol RS
 Calcium and vitamin D with minerals tablets, 975
 Calcium with vitamin D tablets, 973
 Cod liver oil, 1033
 Cod liver oil capsules, 1035
 Ergocalciferol, 1090
 Ergocalciferol capsules, 1091
 Ergocalciferol oral solution, 1092
 Ergocalciferol tablets, 1093
 Oleovitamin A and D, 1312
 Oleovitamin A and D capsules, 1312
 Vitamin E assay (551), 156
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins with minerals capsules, oil-soluble, 1486
 Vitamins with minerals oral solution, oil-soluble, 1497
 Vitamins with minerals tablets, oil-soluble, 1503
 Vitamins oral solution, oil-soluble, 1483
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil- and water-soluble, 1543
 USP Ergosterol RS
 Ergocalciferol, 1090
 Ganoderma lucidum fruiting body, 1124
 Ganoderma lucidum fruiting body powder, 1127
 Vitamins capsules, oil-soluble, 1469
 Vitamins tablets, oil-soluble, 1476
 USP Erythritol RS
 Erythritol, 1803
 USP Escin RS
 Horse chestnut, 1209
 Horse chestnut extract, powdered, 1211
 Horse chestnut, powdered, 1210
 USP Ethyl Acetate RS
 Ethyl acetate, 1804
 USP Ethylbenzene RS
 Benzaldehyde, 1755

USP Ethylcellulose RS
 Ethylcellulose, 1806
 USP Ethylene Glycol RS
 Butylene glycol, 1763
 Glycerin, 1175
 Maltitol solution, 1843
 USP Ethylparaben RS
 Propylparaben, 1895
 USP Ethyl Vanillin RS
 Ethyl vanillin, 1806
 USP Eucalyptol RS
 Eucalyptol, 1094
 USP Eugenol RS
 Eugenol, 1094
 USP Evening Primrose Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82

F

USP Fish Oil RS
 Fish oil containing omega-3 acids, 1109
 Fish oil containing omega-3 acids capsules, 1112
 Fish oil containing omega-3 acids delayed-release capsules, 1115
 USP Flax Seed Oil RS
 Flax seed oil capsules, 1116
 Identification of fixed oils by thin-layer chromatography (202), 82
 USP Folic Acid RS
 Calcium L-5-methyltetrahydrofolate, 958
 Calcium L-5-methyltetrahydrofolate capsules, 961
 Calcium L-5-methyltetrahydrofolate tablets, 962
 Folic acid, 1118
 Folic acid tablets, 1119
 Vitamins with minerals tablets, water-soluble, 1685
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643
 USP Formononetin RS
 Clover, red, 1350
 Powdered Red Clover, red, extract, powdered, 1355
 Clover, red, powdered, 1353
 Clover, red, tablets, 1357
 USP Powdered Forskohlii Extract RS
 Forskohlii, 1119
 Forskohlii Extract, powdered, 1122

Forskohlii, powdered, 1121
 USP Forskolin RS
 Forskohlii, 1119
 Forskohlii Extract, powdered, 1122
 Forskohlii, powdered, 1121
 USP Fructose RS
 Anhydrous lactose, 1831
 Corn syrup, high fructose, 1791
 Cranberry Liquid Preparation, 1039
 Lactose monohydrate, 1832
 Sugar, invert, 1822
 Whey, 2214
 USP L-Fucose RS
 Ganoderma lucidum fruiting body, 1124
 Ganoderma lucidum fruiting body powder, 1127
 USP Fumaric Acid RS
 Alanine, 858
 Ferrous fumarate, 1095
 Fumaric Acid, 1808
 Malic acid, 1841
 Succinic acid, 1922

G

USP Galactitol RS
 Xylitol, 1933
 USP Galactose RS
 Ganoderma lucidum fruiting body, 1124
 Ganoderma lucidum fruiting body powder, 1127
 Guar gum, 1818
 USP Gamma Cyclodextrin RS
 Gamma cyclodextrin, 1797
 USP Ganoderic Acid A RS
 Ganoderma lucidum fruiting body, 1124
 Ganoderma lucidum fruiting body powder, 1127
 USP D-Glucuronic Acid RS
 Ganoderma lucidum fruiting body, 1124
 USP Ganoderma Lucidum Fruiting Body Powdered Extract RS
 Ganoderma lucidum fruiting body, 1124
 USP Powdered Garcinia Hydroxycitrate Extract RS
Garcinia cambogia, 1131
Garcinia cambogia, powdered, 1132
 Garcinia hydroxycitrate extract, powdered, 1133
 USP Powdered Garcinia Hydroxycitrate Extract RS
Garcinia indica, 1135
Garcinia indica, powdered, 1136
 USP Genistein RS
 Clover, red, 1350
 Powdered Red Clover, red, extract, powdered, 1355
 Clover, red, powdered, 1353
 Clover, red, tablets, 1357

Soy isoflavones capsules, 1417
 Soy isoflavones extract, powdered, 1415
 Soy isoflavones tablets, 1419
 USP Genistin RS
 Soy isoflavones capsules, 1417
 Soy isoflavones extract, powdered, 1415
 Soy isoflavones tablets, 1419
 USP Ginger Constituent Mixture RS
 Ginger, 1146
 Ginger capsules, 1150
 Ginger, powdered, 1148
 Ginger tincture, 1152
 USP Powdered Ginger RS
 Ginger, 1146
 Ginger capsules, 1150
 Ginger, powdered, 1148
 Ginger tincture, 1152
 USP Ginkgolic Acids RS
 Ginkgo extract, powdered, 1156
 USP Ginkgo Terpene Lactones RS
 Ginkgo, 1153
 Ginkgo capsules, 1159
 Ginkgo extract, powdered, 1156
 Ginkgo tablets, 1161
 USP Ginsenoside Rg1 RS
 Tienchi ginseng root and rhizome, 1432
 Tienchi ginseng root and rhizome dry extract, 1434
 Tienchi ginseng root and rhizome powder, 1436
 USP Glucosamine Hydrochloride RS
 N-Acetylglucosamine, 853
 Glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane tablets, 1170
 Glucosamine hydrochloride, 1165
 Glucosamine and methylsulfonylmethane tablets, 1168
 Glucosamine sulfate potassium chloride, 1166
 Glucosamine sulfate sodium chloride, 1167
 Glucosamine tablets, 1165
 USP Glucosamine Hydrochloride RS
 Glucosamine and chondroitin sulfate sodium tablets, 1163
 USP D-Glucuronic Acid RS
 Ganoderma lucidum fruiting body powder, 1127
 Sodium hyaluronate (from microbial fermentation), 2164
 USP L-Glutamic Acid, Hydrochloride RS
 L-Glutamic acid hydrochloride, 1812
 USP Glutamic Acid RS
 Glutamic acid, 1172
 Stinging nettle, 1420
 Stinging nettle extract, powdered, 1424
 Stinging nettle, powdered, 1422
 USP Glutamine RS
 L-Alanyl-L-glutamine, 859

Glutamine, 1173
 Glycyl-L-glutamine, 1177
 USP γ -Glutamyl-(S)-allyl-L-cysteine RS
 Garlic, 1138
 Garlic, powdered, 1140
 USP Glutathione RS
 Glutathione, 1174
 USP Glycerin RS
 Glycerin, 1175
 Glycerol dibehenate, 1812
 Mono- and di-glycerides, 1852
 USP Glycerol Dibehenate
 Glycerol dibehenate, 1812
 USP Glycerol Distearate RS
 Glycerol tristearate, 1816
 USP Glycerol Monooleate 40% RS
 Glycerol monooleate, 1813
 USP Glycerol Monooleate 90% RS
 Glycerol monooleate, 1813
 USP Glycine RS
 Glycine, 1176
 Glycyl-L-glutamine, 1177
 Glycyl-L-tyrosine, 1179
 USP Glycitein RS
 Soy isoflavones capsules, 1417
 Soy isoflavones extract, powdered, 1415
 Soy isoflavones tablets, 1419
 USP Glycitin RS
 Soy isoflavones capsules, 1417
 Soy isoflavones extract, powdered, 1415
 Soy isoflavones tablets, 1419
 USP Glycyl-L-glutamine RS
 Glycyl-L-glutamine, 1177
 USP Glycyl-L-tyrosine RS
 Glycyl-L-tyrosine, 1179
 USP Glycyrrhizic Acid RS
 Ammonium glycyrrhizate, 1745
 Licorice, 1229
 Licorice extract, powdered, 1231
 Licorice, powdered, 1230
 USP Folic Acid Related Compound A RS
 Folic acid tablets, 1119
 USP Ganoderma Lucidum Fruiting Body Powdered Extract RS
 Ganoderma lucidum fruiting body powder, 1127
 USP Purified Grape Seeds Oligomeric Proanthocyanidins RS
 Grape seeds oligomeric proanthocyanidins, 1183
 USP Grape Seeds Oligomeric Proanthocyanidins RS
 Grape seeds oligomeric proanthocyanidins, 1183
 USP Powdered Decaffeinated Green Tea Extract RS
 Green tea extract, powdered decaffeinated, 1185
 USP Purified Guggul Extract RS
 Guggul, 1187

Guggul extract, native, 1189
 Guggul extract, purified, 1190
 Guggul tablets, 1191
 USP Guggulsterone Z RS
 Guggul, 1187
 Guggul extract, native, 1189
 Guggul extract, purified, 1190
 Guggul tablets, 1191
 USP Native Gymnema Extract RS
 Gymnema extract, native, 1194
 Gymnema, powdered, 1195
 USP Native Gymnema Extract RS
 Gymnema, 1192
 Gymnema extract, purified, 1197
 USP Gymnemagenin RS
 Gymnema, 1192
 Gymnema extract, native, 1194
 Gymnema extract, purified, 1197
 Gymnema, powdered, 1195

H

USP Hexacosanol RS
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 USP 2E,4E-Hexadienoic Acid Isobutylamide RS
Echinacea angustifolia, 1059
Echinacea angustifolia extract, powdered, 1065
Echinacea angustifolia, powdered, 1062
Echinacea purpurea extract, powdered, 1077
Echinacea purpurea, powdered, 1075
Echinacea purpurea root, 1082
Echinacea purpurea aerial parts, 1080
 USP L-Histidine RS
 Histidine, 1202
 USP Powdered Holy Basil Extract RS
 Holy basil leaf, 1203
 Holy basil leaf extract, powdered, 1207
 Holy basil leaf, powdered, 1205
 USP Hydrastine RS
 Goldenseal, 1180
 Goldenseal extract, powdered, 1182
 Goldenseal, powdered, 1181
 USP Hydroxocobalamin Acetate RS
 Methylcobalamin, 1278
 USP Hydroxocobalamin Chloride RS
 Hydroxocobalamin, 1213
 USP 6-Hydroxynicotinic Acid RS
 Niacin, 1305
 Niacin extended-release tablets, 1307
 USP Hydroxypropyl Cellulose RS
 Hydroxypropyl cellulose, 1820
 USP Hyperoside RS
 Clover, red, 1350
 Powdered Red Clover, red, extract, powdered, 1355

Clover, red, powdered, 1353
 Hawthorn leaf with flower, 1198
 Hawthorn leaf with flower, powdered, 1200
 St. John's wort, 1377
 St. John's wort extract, powdered, 1381
 St. John's wort, powdered, 1379

I

USP Inositol RS
 Beta glucan, 910
 USP L-Isoleucine RS
 Isoleucine, 1215
 USP Isopteropodine RS
 Cat's claw, 992
 Cat's claw capsules, 997
 Powdered Cat's claw extract, 996
 Cat's claw, powdered, 994
 Cat's claw tablets, 998
 USP Isorhamnetin RS
 Ginkgo, 1153
 Ginkgo capsules, 1159
 Ginkgo extract, powdered, 1156
 Ginkgo tablets, 1161
 Quercetin, 1349

K

USP Kaempferol RS
 Ginkgo, 1153
 Ginkgo capsules, 1159
 Ginkgo extract, powdered, 1156
 Ginkgo tablets, 1161
 Quercetin, 1349
 USP Krill Oil RS
 Krill oil, 1216
 Krill oil capsules, 1219
 Krill oil delayed-release capsules, 1222

L

USP Alpha-Lactalbumin RS
 alpha-Lactalbumin, 1826
 USP Lactase RS
 Lactate, 1225
 USP Lactitol RS
 Lactitol, 1830
 USP Lactose Monohydrate RS
 Lactose monohydrate, 1832
 USP *Lagerstroemia speciosa* Leaf Dry Extract RS
 Banaba leaf, 901
 Banaba leaf dry extract, 903
 Banaba leaf powder, 904
 USP Lauric Acid RS
 Lauric acid, 1833
 USP L-Leucine RS
 Leucine, 1226

USP Levocarnitine Related Compound A RS
 Levocarnitine tablets, 1228
 USP Levocarnitine RS
 Levocarnitine, 1226
 Levocarnitine oral solution, 1228
 Levocarnitine tablets, 1228
 USP Levomenol RS
 (–)- α -Bisabolol, 1958
 Chamomile, 1006
 USP Alpha Lipoic Acid RS
 Lipoic acid, alpha, 1233
 Lipoic acid capsules, alpha, 1234
 Lipoic acid tablets, alpha, 1235
 USP Lutein RS
 Lutein, 1236
 Lutein Capsules, 1237
 Lutein Preparation, 1238
 USP Tomato Extract Containing Lycopene RS
 Lycopene, tomato extract containing, 1242
 USP Lycopene RS
 Lycopene, 1239
 Lycopene from *Blakeslea trispora*, 2095
 Lycopene preparation, 1240
 Lycopene, tomato extract containing, 1242
 USP L-Lysine Hydrochloride RS
 Arginine, 876
 Arginine hydrochloride, 877
 Lysine acetate, 1244
 Lysine hydrochloride, 1245
 Lysine hydrochloride tablets, 1246
 USP Lysophosphatidylcholine (Soy) RS
 Lecithin, 1834
 USP Lysophosphatidylcholine RS
 Egg phospholipids, 1801

M

USP Powdered Malabar-Nut-Tree, Leaf Extract RS
 Malabar-Nut-Tree, leaf, 1257
 Malabar-Nut-Tree, leaf extract, powdered, 1259
 Malabar-Nut-Tree, leaf, powdered, 1258
 USP Maleic Acid RS
 Alanine, 858
 Malic acid, 1841
 USP Malic Acid RS
 Alanine, 858
 Cranberry Liquid Preparation, 1039
 Malic acid, 1841
 USP Maltitol RS
 Maltitol, 1842
 Maltitol solution, 1843
 USP Maltol RS
 Maltol, 1847

USP Maltose Monohydrate RS
 Corn syrup, high fructose, 1791
 USP Mannitol RS
 Xylitol, 1933
 USP Mannose RS
 Beta glucan, 910
 Ganoderma lucidum fruiting body, 1124
 Ganoderma lucidum fruiting body powder, 1127
 Guar gum, 1818
 USP Maritime Pine Extract RS
 Maritime pine, 1263
 Maritime pine extract, 1264
 USP Melatonin Related Compound A RS
 Melatonin, 1266
 Melatonin tablets, 1267
 USP Melatonin RS
 Melatonin, 1266
 Melatonin tablets, 1267
 USP Menaquinone-7 RS
Bacillus subtilis subsp. *subtilis* menaquinone-7 extract, 1274
 Menaquinone-7, 1268
 Menaquinone-7 capsules, 1270
 Menaquinone-7 preparation, 1271
 Menaquinone-7 tablets, 1273
 USP Menthol RS
 Menthol, 1275
 Menthol lozenges, 1276
 USP L-Methionine RS
 Garlic, 1138
 Garlic delayed-release tablets, 1144
 Garlic extract, powdered, 1142
 Garlic, powdered, 1140
 Methionine, 1277
 Selenomethionine, 1398
 Serine, 1404
 USP 2-Methyl-1-Propanol RS
 Butyl alcohol, 1759
 USP Methyl Alcohol RS
 Acetone, 1739
 Methyl alcohol, 1847
 Pectin, 1319
 USP Methyl Caprate RS
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methyl Caproate RS
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methyl Caprylate RS
 Saw palmetto, 1383
 Saw palmetto capsules, 1390

Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methylcobalamin RS
 Methylcobalamin, 1278
 USP Methyl Laurate RS
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methyl Linoleate RS
 Borage seed oil capsules, 933
 Flax seed oil capsules, 1116
 Polyglyceryl dioleate, 1873
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methyl Linolenate RS
 Borage seed oil capsules, 933
 Flax seed oil capsules, 1116
 Polyglyceryl dioleate, 1873
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methyl Myristate RS
 Glyceryl tristearate, 1816
 Polyglyceryl dioleate, 1873
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP 6-Methylnicotinic Acid RS
 Niacin, 1305
 USP Methyl Oleate RS
 Borage seed oil capsules, 933
 Flax seed oil capsules, 1116
 Glyceryl tristearate, 1816
 Polyglyceryl dioleate, 1873
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methyl Palmitate RS
 Polyglyceryl dioleate, 1873
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methyl Palmitoleate RS
 Polyglyceryl dioleate, 1873
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methylparaben RS
 Benzaldehyde, 1755
 Methylparaben, 1849

USP Methylpyrrolidone RS
 Methylpyrrolidone, 1850
 USP Methyl Salicylate RS
 Methyl salicylate, 1848
 USP Methyl Stearate RS
 Glyceryl tristearate, 1816
 Polyglyceryl dioleate, 1873
 Saw palmetto, 1383
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Saw palmetto, powdered, 1385
 USP Methylsulfonylmethane RS
 Methylsulfonylmethane tablets, 1280
 USP Methylsulfonylmethane RS
 Glucosamine, chondroitin sulfate sodium, and methylsulfonylmethane tablets, 1170
 Glucosamine and methylsulfonylmethane tablets, 1168
 Methylsulfonylmethane, 1279
 USP Methyl Tricosanoate RS
Cryptocodinium cohnii oil, 1041
Cryptocodinium cohnii oil capsules, 1043
 Fish oil containing omega-3 acids, 1109
 Fish oil containing omega-3 acids capsules, 1112
 Fish oil containing omega-3 acids delayed-release capsules, 1115
 Krill oil, 1216
 Krill oil capsules, 1219
 Krill oil delayed-release capsules, 1222
 Omega-3 acid triglycerides, 1312
 Schizochytrium oil, 1392
 Schizochytrium oil capsules, 1395
 USP Powdered Milk Thistle Extract RS
 Milk thistle, 1280
 Milk thistle capsules, 1285
 Milk thistle extract, powdered, 1284
 Milk thistle, powdered, 1282
 Milk thistle tablets, 1287
 USP Mogroside V RS
 Monk fruit extract, 2113
 USP Monk Fruit Extract RS
 Monk fruit extract, 2113
 USP Monostearyl Maleate RS
 Sodium stearyl fumarate, 1908
 USP Myristic Acid RS
 Myristic acid, 1853
 USP Myristyl Alcohol RS
 Myristyl alcohol, 1854

N

USP Neohesperidine Dihydrochalcone RS
 Neohesperidine dihydrochalcone, 2117

USP Neotame Related Compound A RS
 Neotame, 1855
 USP Neotame RS
 Neotame, 1855
 USP Niacinamide RS
 Niacinamide, 1310
 Niacinamide ascorbate, 2119
 Niacinamide tablets, 1310
 Vitamins with minerals tablets, water-soluble, 1685
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643
 USP Niacin RS
 Niacin, 1305
 Niacinamide, 1310
 Niacin extended-release tablets, 1307
 Niacin tablets, 1306
 Vitamins with minerals tablets, water-soluble, 1685
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643

O

USP Oleic Acid RS
 Oleic acid, 1857

- USP Olive Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82
- USP Oxybenzone RS
 St. John's wort, 1377
 St. John's wort extract, powdered, 1381
 St. John's wort, powdered, 1379
- P**
- USP Palmitic Acid RS
 Calcium stearate, 1770
 Magnesium stearate, 1838
- USP Palm Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82
- USP *Panax notoginseng* Root and Rhizome Dry Extract RS
 Tienchi ginseng root and rhizome, 1432
 Tienchi ginseng root and rhizome dry extract, 1434
 Tienchi ginseng root and rhizome powder, 1436
- USP Pancreatin Amylase and Protease RS
 Pancreatin, 1315
 Pancreatin tablets, 1317
- USP Pancreatin Lipase RS
 Pancreatin, 1315
 Pancreatin tablets, 1317
- USP Pantolactone RS
 Dexpanthenol preparation, 1057
- USP Papain RS
 Papain, 1318
- USP Parthenolide RS
 Feverfew, 1107
 Feverfew, powdered, 1108
- USP Peanut Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82
- USP L-Phenylalanine RS
 Acetylcysteine, 854
 Glutathione, 1174
 Phenylalanine, 1322
 Tyrosine, 1445
 Valine, 1456
- USP Phosphated Riboflavin RS
 Riboflavin 5'-phosphate sodium, 1360
- USP Phosphatidic Acid (Soy) Monosodium RS
 Lecithin, 1834
- USP Phosphatidylcholine (Soy) RS
 Lecithin, 1834
- USP Phosphatidylcholine RS
 Egg phospholipids, 1801
- USP Phosphatidylethanolamine (Soy) RS
 Lecithin, 1834
- USP Phosphatidylethanolamine RS
 Egg phospholipids, 1801
- USP Phosphatidylinositol (Soy) Sodium RS
 Lecithin, 1834
- USP Phyllanthin RS
Phyllanthus amarus, 1323
Phyllanthus amarus, powdered, 1324
- USP Powdered *Phyllanthus amarus* Extract RS
Phyllanthus amarus, 1323
Phyllanthus amarus, powdered, 1324
- USP Phytonadione RS
 Phytonadione, 1326
 Phytonadione tablets, 1327
- Vitamins with minerals capsules, oil- and water-soluble, 1562
- Vitamins with minerals tablets, oil- and water-soluble, 1603
- Vitamins capsules, oil-soluble, 1469
- Vitamins with minerals capsules, oil-soluble, 1486
- Vitamins with minerals oral solution, oil-soluble, 1497
- Vitamins with minerals tablets, oil-soluble, 1503
- Vitamins oral solution, oil-soluble, 1483
- Vitamins capsules, oil- and water-soluble, 1514
- Vitamins tablets, oil-soluble, 1476
- Vitamins tablets, oil- and water-soluble, 1543
- USP Piperine RS
 Black pepper, 927
 Black pepper extract, powdered, 931
 Black pepper, powdered, 929
- USP Poloxamer Liquid RS
 Poloxamer, 1866
- USP Poloxamer Solid RS
 Poloxamer, 1866
- USP Polydextrose RS
 Polydextrose, 1868
- USP Polyglyceryl 3 Dioleate RS
 Polyglyceryl dioleate, 1873
- USP Polyglyceryl 6 Dioleate RS
 Polyglyceryl dioleate, 1873
- USP Polyoxyl 32 Stearate RS
 Polyoxyl stearate, 1875
- USP Polyoxyl 40 Stearate RS
 Polyoxyl stearate, 1875
- USP Polyoxyl 6 Stearate RS
 Polyoxyl stearate, 1875
- USP Polyoxyl 75 Stearate RS
 Polyoxyl stearate, 1875
- USP Polyoxyl 8 Stearate RS
 Polyoxyl stearate, 1875
- USP Polyoxyl 100 Stearate RS
 Polyoxyl stearate, 1875
- USP Polysorbate 20 RS
 Polysorbate 20, 1876
- USP Polysorbate 60 RS
 Polysorbate 60, 1877
- USP Polysorbate 80 RS
 Polysorbate 80, 1878
- USP Polyvinyl Acetate RS
 Polyvinyl acetate, 1880
- USP Pomegranate Juice Concentrate RS
 Pomegranate juice, 2229
- USP Potassium Benzoate RS
 Potassium benzoate, 1883
- USP Potassium Gluconate RS
 Calcium gluconate tablets, 956
 Copper, 1038
 Ferrous gluconate, 1098
 Ferrous gluconate capsules, 1100
 Ferrous gluconate oral solution, 1101
 Ferrous gluconate tablets, 1101
 Magnesium gluconate, 1250
 Magnesium gluconate tablets, 1251
 Manganese gluconate, 1261
 Potassium gluconate, 1333
 Potassium gluconate tablets, 1335
 Sodium gluconate, 1413
 Zinc gluconate, 1715
 Zinc gluconate tablets, 1717
- USP Povidone RS
 Povidone, 1885
- USP L-Proline RS
 Histidine, 1202
 Honey, purified, 1819
 Proline, 1339
 Threonine, 1431
- USP 1,3-Propanediol RS
 Propanediol, 1889
- USP 2-Propanol RS
 Pectin, 1319
- USP Propyl Gallate RS
 Propyl gallate, 1892
- USP Propylene Glycol Dicaprylate/Dicaprate RS
 Propylene glycol dicaprylate/dicaprate, 1893
- USP Propylene Glycol Monocaprylate Type II RS
 Propylene glycol monocaprylate, 1894
- USP Propylene Glycol Monocaprylate Type I RS
 Propylene glycol monocaprylate, 1894
- USP Propylene Glycol RS
 Butylene glycol, 1763
 Hydroxypropyl corn starch, pregelatinized, 1913
 Hydroxypropyl pea starch, pregelatinized, 1916
 Hydroxypropyl potato starch, pregelatinized, 1918
 Propanediol, 1889
 Propylene glycol monocaprylate, 1894
- USP Propylparaben RS
 Propylparaben, 1895

USP Pygeum Extract RS
 Pygeum, 1343
 Pygeum capsules, 1346
 Pygeum extract, 1344

USP Pyridoxine Hydrochloride RS
 Pyridoxine hydrochloride, 1347
 Pyridoxine hydrochloride tablets, 1348
 Vitamins with minerals tablets, water-soluble, 1685
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643

Q

USP Quercetin RS
 Ginkgo, 1153
 Ginkgo capsules, 1159
 Ginkgo extract, powdered, 1156
 Ginkgo tablets, 1161
 Hawthorn leaf with flower, 1198
 Hawthorn leaf with flower, powdered, 1200
 Quercetin, 1349
 Rutin, 1374

USP Quinic Acid RS
 Cranberry Liquid Preparation, 1039

R

USP Racemic Panthenol RS
 Calcium pantothenate tablets, 967
 Panthenol, 1318
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534

USP Retinyl Acetate RS
 Oleovitamin A and D, 1312

Oleovitamin A and D capsules, 1312
 Vitamin A, 1460
 Vitamin A capsules, 1461
 Vitamin A oral liquid preparation, 1461
 Vitamins with minerals oral solution, oil-soluble, 1497
 Vitamins with minerals tablets, oil-soluble, 1503
 Vitamins oral solution, oil-soluble, 1483

USP Retinyl Palmitate RS
 Oleovitamin A and D, 1312
 Oleovitamin A and D capsules, 1312
 Vitamin A, 1460
 Vitamin A capsules, 1461
 Vitamin A oral liquid preparation, 1461
 Vitamins with minerals capsules, oil-soluble, 1486
 Vitamins with minerals oral solution, oil-soluble, 1497
 Vitamins with minerals tablets, oil-soluble, 1503
 Vitamins oral solution, oil-soluble, 1483

USP *Rhodiola rosea* Root and Rhizome Dry Extract RS
Rhodiola rosea, 1362
Rhodiola rosea extract, powdered, 1367
Rhodiola rosea, powdered, 1365
Rhodiola rosea tincture, 1364

USP Riboflavin RS
 Riboflavin, 1359
 Riboflavin 5'-phosphate sodium, 1360
 Riboflavin tablets, 1360
 Vitamins with minerals tablets, water-soluble, 1685
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643

USP Rosavin RS
Rhodiola rosea, 1362
Rhodiola rosea extract, powdered, 1367
Rhodiola rosea, powdered, 1365
Rhodiola rosea tincture, 1364

USP Rosmarinic Acid RS
 Holy basil leaf, 1203
 Holy basil leaf extract, powdered, 1207
 Holy basil leaf, powdered, 1205
 Rosemary, 1369
 Rosemary leaf dry aqueous extract, 1370
 Rosemary, Powdered, 1372

USP Powdered Rosemary Hydrophilic Extract RS
 Rosemary, 1369
 Rosemary leaf dry aqueous extract, 1370
 Rosemary, Powdered, 1372

USP Rutin RS
 Feverfew, 1107
 Feverfew, powdered, 1108
 Ginkgo, 1153
 Ginkgo extract, powdered, 1156
 Rutin, 1374
 St. John's wort, 1377
 St. John's wort extract, powdered, 1381
 St. John's wort, powdered, 1379

S

USP Saccharin RS
 Saccharin, 1899

USP Safflower Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82
 Safflower oil, 1376

USP Salicylic Acid RS
 Potassium benzoate, 1883
 Sodium benzoate, 1902

USP Salidroside RS
Rhodiola rosea, 1362
Rhodiola rosea extract, powdered, 1367
Rhodiola rosea, powdered, 1365
Rhodiola rosea tincture, 1364

USP Salvianolic Acid B RS
 Chinese salvia, 1014
 Chinese salvia, powdered, 1017

USP Scopoletin RS
 Stinging nettle, 1420
 Stinging nettle extract, powdered, 1424
 Stinging nettle, powdered, 1422

USP Selenomethionine RS
 Selenomethionine, 1398

USP Sennosides RS
 Senna leaf, 1399
 Senna pods, 1401
 Sennosides, 1402
 Sennosides tablets, 1403

USP L-Serine RS
 Methionine, 1277
 Serine, 1404

- USP Sesame Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82
- USP Silybin RS
 Milk thistle, 1280
 Milk thistle capsules, 1285
 Milk thistle extract, powdered, 1284
 Milk thistle, powdered, 1282
 Milk thistle tablets, 1287
- USP Silydianin RS
 Milk thistle, 1280
 Milk thistle capsules, 1285
 Milk thistle extract, powdered, 1284
 Milk thistle, powdered, 1282
 Milk thistle tablets, 1287
- USP β -Sitosterol RS
Echinacea angustifolia, 1059
Echinacea angustifolia extract, powdered, 1065
Echinacea angustifolia, powdered, 1062
Echinacea pallida, 1068
Echinacea pallida extract, powdered, 1072
Echinacea pallida, powdered, 1070
Echinacea purpurea extract, powdered, 1077
Echinacea purpurea, powdered, 1075
Echinacea purpurea root, 1082
 Pygeum, 1343
 Pygeum capsules, 1346
 Pygeum extract, 1344
 Saw palmetto capsules, 1390
 Saw palmetto extract, 1387
 Stinging nettle, 1420
 Stinging nettle extract, powdered, 1424
 Stinging nettle, powdered, 1422
- USP Sodium Ascorbate RS
 Sodium ascorbate, 1405
- USP Sodium Benzoate RS
 Sodium benzoate, 1902
- USP Sodium Fluoride RS
 Calcium acetate, 939
 Calcium ascorbate, 942
 Calcium carbonate, 943
 Calcium carbonate oral suspension, 945
 Calcium citrate, 950
 Calcium phosphate, anhydrous dibasic, 970
 Calcium phosphate, tribasic, 1765
 Calcium phosphate dihydrate, dibasic, 971
 Calcium propionate, 1767
 Calcium silicate, 1768
 Ground limestone, 1232
 Minerals capsules, 1288
 Minerals tablets, 1296
 Potassium phosphate, dibasic, 1337
 Sodium fluoride tablets, 1412
 Vitamins with minerals tablets, water-soluble, 1685
- Vitamins with minerals capsules, oil- and water-soluble, 1562
- Vitamins with minerals capsules, water-soluble, 1655
- Vitamins with minerals oral solution, oil- and water-soluble, 1589
- Vitamins with minerals tablets, oil- and water-soluble, 1603
- Vitamins with minerals capsules, oil-soluble, 1486
- Vitamins with minerals oral solution, oil-soluble, 1497
- Vitamins with minerals tablets, oil-soluble, 1503
- USP Sodium Propionate RS
 Sodium propionate, 1907
- USP Sodium Stearyl Fumarate RS
 Sodium stearyl fumarate, 1908
- USP Sorbic Acid RS
 Sorbic acid, 1910
- USP Sorbitol RS
 Cranberry Liquid Preparation, 1039
 Maltitol solution, 1843
 Polydextrose, 1868
 Sorbitol, 1911
 Xylitol, 1933
- USP Soybean Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82
- USP Defatted Powdered Soy RS
 Soy isoflavones capsules, 1417
 Soy isoflavones extract, powdered, 1415
 Soy isoflavones tablets, 1419
- USP Stearic Acid RS
 Calcium stearate, 1770
 Magnesium stearate, 1838
 Palmitic acid, 1862
 Stearic acid, 1920
- USP Stearyl Alcohol RS
 Sodium stearyl fumarate, 1908
- USP Powdered St. John's Wort Extract RS
 St. John's wort, 1377
 St. John's wort extract, powdered, 1381
 St. John's wort, powdered, 1379
- USP Succinic Acid RS
 Succinic acid, 1922
- USP Sucralose RS
 Sucralose, 1922
- USP Sucrose RS
 Anhydrous lactose, 1831
 Cranberry Liquid Preparation, 1039
 Lactose monohydrate, 1832
 Sucrose, 1924
 Sugar, invert, 1822
- USP Sunflower Oil RS
 Identification of fixed oils by thin-layer chromatography (202), 82
 Sunflower oil, 1926
- ## T
- USP Tagatose RS
 Tagatose, 1928
- USP Tanshinone II_A RS
 Chinese salvia, 1014
 Chinese salvia, powdered, 1017
- USP Tartaric Acid RS
 Tartaric acid, 1928
- USP Taurine RS
 Taurine, 1426
- USP L-Theanine RS
 L-Theanine, 2196
- USP Thiamine Hydrochloride RS
 Thiamine hydrochloride, 1427
 Thiamine hydrochloride oral solution, 1428
 Thiamine hydrochloride tablets, 1428
 Thiamine mononitrate, 1429
 Thiamine mononitrate oral solution, 1430
 Vitamins with minerals tablets, water-soluble, 1685
 Vitamins capsules, water-soluble, 1630
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals capsules, water-soluble, 1655
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals oral solution, water-soluble, 1676
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil- and water-soluble, 1543
 Vitamins tablets, water-soluble, 1643
- USP L-Threonine RS
 Proline, 1339
 Threonine, 1431
- USP α -Tocopherol Acetate RS
RRR- α -Tocopheryl acetate, 2205
- USP *o*-Toluenesulfonamide RS
 Saccharin, 1899
- USP *p*-Toluenesulfonamide RS
 Saccharin, 1899
- USP Trehalose RS
 Trehalose, 1929
- USP Triethyl Citrate RS
 Triethyl citrate, 1931
- USP Trypsin Crystallized RS
 Trypsin, crystallized, 1438
- USP L-Tryptophan RS
 Tryptophan, 1439
- USP Tryptophan Related Compound A RS
 Tryptophan, 1439

USP Tryptophan Related Compound B RS
 Tryptophan, 1439
 USP L-Tyrosine RS
 N-Acetyltyrosine, 855
 Cysteine hydrochloride, 1053
 Glycyl-L-tyrosine, 1179
 Phenylalanine, 1322
 Tyrosine, 1445

U

USP Ubidecarenone for System Suitability RS
 Ubidecarenone, 1445
 USP Ubidecarenone Related Compound A RS
 Ubidecarenone, 1445
 Ubidecarenone capsules, 1446
 Ubidecarenone tablets, 1448
 USP Ubidecarenone RS
 Ubidecarenone, 1445
 Ubidecarenone capsules, 1446
 Ubidecarenone tablets, 1448
 USP Ursolic Acid RS
 Holy basil leaf, 1203
 Holy basil leaf extract, powdered, 1207
 Holy basil leaf, powdered, 1205

V

USP Valerenic Acid RS
 Valerian, 1449
 Valerian extract, powdered, 1454
 Valerian, powdered, 1452
 Valerian tablets, 1455
 Valerian tincture, 1450
 USP Powdered Valerian Extract RS
 Valerian, 1449
 Valerian extract, powdered, 1454

Valerian, powdered, 1452
 Valerian tablets, 1455
 Valerian tincture, 1450
 USP L-Valine RS
 Isoleucine, 1215
 Leucine, 1226
 Valine, 1456
 USP Vanillin RS
 Vanillin, 1931
 USP Vasicine RS
 Malabar-Nut-Tree, leaf, 1257
 Malabar-Nut-Tree, leaf extract, powdered, 1259
 Malabar-Nut-Tree, leaf, powdered, 1258
 USP Vinpocetine Related Compound A RS
 Vinpocetine, 1457
 USP Vinpocetine Related Compound B RS
 Vinpocetine, 1457
 USP Vinpocetine Related Compound C RS
 Vinpocetine, 1457
 USP Vinpocetine Related Compound D RS
 Vinpocetine, 1457
 USP Vinpocetine RS
 Vinpocetine, 1457
 Vinpocetine capsules, 1458
 Vinpocetine tablets, 1459
 USP Vitamin A RS
 Cod liver oil capsules, 1035
 Vitamins with minerals capsules, oil- and water-soluble, 1562
 Vitamins with minerals oral solution, oil- and water-soluble, 1589
 Vitamins with minerals tablets, oil- and water-soluble, 1603
 Vitamins capsules, oil-soluble, 1469
 Vitamins with minerals capsules, oil-soluble, 1486

Vitamins capsules, oil- and water-soluble, 1514
 Vitamins oral solution, oil- and water-soluble, 1534
 Vitamins tablets, oil-soluble, 1476
 Vitamins tablets, oil- and water-soluble, 1543
 USP Vitamin D Assay System Suitability RS
 Cholecalciferol, 1020
 Cholecalciferol capsules, 1021
 Ergocalciferol, 1090
 Ergocalciferol capsules, 1091
 USP Vitexin RS
 Hawthorn leaf with flower, 1198
 Hawthorn leaf with flower, powdered, 1200

W

USP Withanolide A RS
 Ashwagandha root, 881
 Ashwagandha root extract, powdered, 885
 Ashwagandha root, powdered, 883
 USP Withanoside IV RS
 Ashwagandha root, 881
 Ashwagandha root extract, powdered, 885
 Ashwagandha root, powdered, 883

X

USP Xylitol RS
 Xylitol, 1933

Z

USP meso-Zeaxanthin RS
 meso-Zeaxanthin, 1706
 meso-Zeaxanthin preparation, 1707