

Monograph Title	Monograph Section	Scientific Liaison
<81> ANTIBIOTICS-- MICROBIAL ASSAYS PF 36(5) Pg. 1239	Introduction, APPARATUS, MEDIA AND DILUENTS, UNITS AND REFERENCE STANDARDS, PREPARATION OF THE STANDARD, PREPARATION OF THE SAMPLE, ORGANISMS AND INOCULUM, PROCEDURE, CALCULATION, INTRODUCTION AND GENERAL INFORMATION, CYLINDER-PLATE METHOD, TURBIDIMETRIC METHOD, MEDIA AND SOLUTIONS, CALCULATIONS, APPENDIX 1. FORMULAS FOR MANUAL CALCULATIONS OF REGRESSION AND SAMPLE CONCENTRATION, APPENDIX 2. PROCEDURE FOR CHECKING FOR OUTLIERS; REJECTION OF OUTLYING OR ABERRANT MEASUREMENTS	Ahalya Wise
<111> DESIGN AND ANALYSIS OF BIOLOGICAL ASSAYS PF 36(4) Pg. 952	STEPS PRECEDING THE CALCULATION OF POTENCY, EXPERIMENTAL ERROR AND TESTS OF ASSAY VALIDITY	Tina Morris
<232> ELEMENTAL IMPURITIES--LIMITS PF 36(1) Pg. 197	Title, INTRODUCTION, LIMITS OF ELEMENTAL IMPURITIES, OPTIONS FOR DESCRIBING LIMITS OF ELEMENTAL IMPURITIES, ANALYTICAL PROCEDURES	Kahkashan Zaidi
<233> ELEMENTAL IMPURITIES - PROCEDURES PF 36(1) Pg. 201	Title, INTRODUCTION, ALTERNATIVE PROCEDURE VALIDATION REQUIREMENTS, VALIDATION OF LIMIT PROCEDURES, VALIDATION OF QUANTITATIVE PROCEDURES, REFEREE PROCEDURES 1 AND 2, CALCULATIONS AND REPORTING	Kahkashan Zaidi
<761> NUCLEAR MAGNETIC RESONANCE PF 36(2) Pg. 462	Title, Introduction, APPARATUS, THE SPECTRUM, GENERAL METHOD, INTRODUCTION, QUALIFICATION OF NMR INSTRUMENTS, QUALITATIVE AND QUANTITATIVE NMR ANALYSIS, PROCEDURE VALIDATION, GLOSSARY	Kahkashan Zaidi
<797> PHARMACEUTICAL COMPOUNDING--STERILE PREPARATIONS PF 36(3) Pg. 714	DEFINITIONS, IMMEDIATE-USE CSPPS, HAZARDOUS DRUGS AS CSPPS, RADIOPHARMACEUTICALS AS CSPPS, ENVIRONMENTAL QUALITY AND CONTROL	Shawn Becker
<1032> DEVELOPMENT AND DESIGN OF BIOASSAYS PF 36(4) Pg. 956	Title, 1. INTRODUCTION, 2. BIOASSAY FITNESS FOR USE, 3. BIOASSAY FUNDAMENTALS, 4. STATISTICAL ASPECTS OF BIOASSAY FUNDAMENTALS, 5. STAGES IN THE BIOASSAY PROCESS	Tina Morris
<1033> VALIDATION OF BIOLOGICAL ASSAYS PF 36(4) Pg. 986	Title, 1. INTRODUCTION, 2. FUNDAMENTALS OF BIOASSAY VALIDATION, 3. A BIOASSAY VALIDATION EXAMPLE, 4. LITERATURE	Tina Morris
<1034> ANALYSIS OF BIOLOGICAL ASSAYS PF 36(4) Pg. 1005	Title, 1. INTRODUCTION, 2. OVERVIEW OF ANALYSIS OF BIOASSAY DATA, 3. ANALYSIS MODELS, 4. CONFIDENCE INTERVALS, 5. LITERATURE, APPENDIX; GLOSSARY, GLOSSARY	Tina Morris

REFERENCES

<1050> VIRAL SAFETY
EVALUATION OF
BIOTECHNOLOGY
PRODUCTS DERIVED FROM
CELL LINES OF HUMAN OR
ANIMAL ORIGIN PF 36(3) Pg.
726

I. INTRODUCTION, II. POTENTIAL SOURCES OF
VIRUSVIRALCONTAMINATION, III. CELL LINE
QUALIFICATION: TESTING FOR VIRUSES, IV. TESTING
FOR VIRUSES IN UNPROCESSED BULK, V. RATIONALE
AND ACTION PLAN FOR VIRAL CLEARANCE STUDIES
AND VIRUS TESTS ON PURIFIED BULK, VI.
EVALUATION AND CHARACTERIZATION OF VIRAL
CLEARANCE PROCEDURES VI. GOALS, PRINCIPLES,
DESIGN, AND EVALUATION OF VIRAL CLEARANCE
STUDIES, VII. SUMMARY, GLOSSARY, APPENDIX I.
GLOSSARY, APPENDIX 1, APPENDIX 2, APPENDIX 4.
VIRUS ABBREVIATIONS, APPENDIX 3, APPENDIX 5

[Tina Morris](#)

<1113> MICROBIAL
IDENTIFICATION PF 35(1) Pg.
167

Title, INTRODUCTION, MICROBIAL ISOLATION,
PRELIMINARY SCREENING OF MICROBIAL ISOLATES,
MICROBIAL IDENTIFICATION BY PHENOTYPIC
METHODS, MICROBIAL IDENTIFICATION BY
GENOTYPIC METHODS, VERIFICATION OF MICROBIAL
IDENTIFICATION METHODS

[Radhakrishna
Tirumalai](#)

<1119> NEAR-INFRARED
SPECTROSCOPY PF 36(2) Pg.
532

INSTRUMENTATION

[Horacio Pappa](#)

<1151> PHARMACEUTICAL
DOSAGE FORMS PF 35(5) Pg.
1260

Introduction, BIOAVAILABILITY, TERMINOLOGY,
AEROSOLS, BOLUSES, CAPSULES, CONCENTRATE
FOR DIP, CREAMS, ELIXIRS, EMULSIONS, EXTRACTS
AND FLUIDEXTRACTS, GELS, IMPLANTS (PELLETS),
INFUSIONS, INTRAMAMMARY, INHALATIONS,
INJECTIONS, IRRIGATIONS, LOTIONS, LOZENGES,
OINTMENTS, OPHTHALMIC PREPARATIONS, PASTES,
POWDERS, PREMIXES, SOLUTIONS, SUPPOSITORIES,
SUSPENSIONS, SYRUPS, SYSTEMS, TABLETS,
GENERAL CONSIDERATIONS, PRODUCT QUALITY
TESTS, GENERAL, DOSAGE FORMS, DRY POWDER
INHALERS, EMULSIONS (CREAMS AND LOTIONS),
FEED ADDITIVES, FOAMS, MEDICAL GASES
(INHALATION MATERIALS), GRANULES, MEDICATED
GUMS, INSERTS, LIQUIDS, LOTIONS (SEE EMULSIONS),
TRANSDERMAL SYSTEMS (PATCHES), PILLS,
PLASTERS, MEDICATED SOAPS AND SHAMPOOS,
SPRAYS (NASAL, PULMONARY, OR SOLUTIONS FOR
NEBULIZATION), TAPES, GLOSSARY

[William Brown](#)

<1761> APPLICATIONS OF
NUCLEAR MAGNETIC
RESONANCE
SPECTROSCOPY PF 36(2) Pg.
539

Title, PRINCIPLES OF NMR, NMR SPECTROMETERS,
RELAXATION, TIP ANGLE, RELAXATION DELAY,
RESOLUTION, POSTACQUISITION DATA PROCESSING,
GENERAL PROCEDURE FOR STRUCTURE
IDENTIFICATION, QUANTITATIVE APPLICATIONS,
SOLID-STATE NMR, LOW-FIELD NMR

[Kahkashan
Zaidi](#)

<2232> ELEMENTAL

Title, INTRODUCTION, LIMITS OF ELEMENTAL
CONTAMINANTS, OPTIONS FOR COMPLIANCE WITH
THE LIMITS OF ELEMENTAL CONTAMINANTS,

CONTAMINANTS IN
DIETARY SUPPLEMENTS PF
36(1) Pg. 258

ANALYTICAL PROCEDURES FOR TOTAL ELEMENTAL
CONTAMINANTS, ANALYTICAL PROCEDURE FOR
INORGANIC ARSENIC, ANALYTICAL PROCEDURE FOR
METHYLMERCURY

[Gabriel
Giancaspro](#)

AGAR PF 33(4) Pg. 702

Chemical Info, Definition, Botanic characteristics, Packaging
and storage, USP Reference standards <11>, Identification,
Microbial limits <61>, Limit of foreign insoluble matter

[Hong Wang](#)

MEDICAL AIR PF 35(4) Pg. 828

IDENTIFICATION/Introduction, ASSAY/Procedure,
IMPURITIES/Inorganic Impurities/Carbon Dioxide,
IMPURITIES/Inorganic Impurities/Sample,
IMPURITIES/Inorganic Impurities/Analysis,
IMPURITIES/Inorganic Impurities/Acceptance criteria,
IMPURITIES/Inorganic Impurities/Carbon Monoxide,
IMPURITIES/Inorganic Impurities/Sulfur Dioxide,
IMPURITIES/Inorganic Impurities/Limit of Nitric Oxide and
Nitrogen Dioxide, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/Labeling

[Ravi
Ravichandran](#)

ALENDRONATE SODIUM
TABLETS PF 36(5) Pg. 1157

PERFORMANCE TESTS/Dissolution <711>

[Elena
Gonikberg](#)

ALFUZOSIN
HYDROCHLORIDE
EXTENDED-RELEASE
TABLETS PF 36(4) Pg. 889

Title, DEFINITION/Introduction, IDENTIFICATION/A.
Infrared Absorption <197K>, IDENTIFICATION/B.,
ASSAY/Procedure, PERFORMANCE TESTS,
PERFORMANCE TESTS/Dissolution <711>,
PERFORMANCE TESTS/Uniformity of Dosage Units <905>,
IMPURITIES/Organic Impurities/Procedure, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Alfuzosin Hydrochloride RS, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Alfuzosin System Suitability Mixture RS—Alfuzosin
hydrochloride containing approximately 0.4% of each of the
following impurities: Impurity A: [N-{3-[(4-amino-6,7-
dimethoxyquinazolin-2-yl)(methyl)amino]propyl}
furan-2-carboxamide](C₁₉H₂₃N₅O₄385.42) Impurity D: [N-
(4-amino-6,7-dimethoxyquinazolin-2-yl)-N-methylpropane-
1,3-diamine]
(C₁₄H₂₁N₅O₂291.35)

[Domenick
Vicchio](#)

ALPRAZOLAM ORALLY-
DISINTEGRATING TABLETS
PF 36(4) Pg. 890

Title, DEFINITION/Introduction,
IDENTIFICATION/Introduction, ASSAY/Procedure,
PERFORMANCE TESTS/Disintegration <701>,
PERFORMANCE TESTS/Dissolution <711>,
PERFORMANCE TESTS/Uniformity of Dosage Units <905>,
IMPURITIES/Organic Impurities/Procedure, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Alprazolam RS

[Ravi
Ravichandran](#)

IMPURITIES/Organic Impurities, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP

AMOXICILLIN CAPSULES PF
36(4) Pg. 892

Amoxicillin Related Compound C RS [(4S)-2-[5-(4-hydroxyphenyl)-3,6-dioxopiperazin-2-yl]-5,5-dimethylthiazolidine-4-carboxylic acid; amoxicillin rearrangement product](C16H19N3O5S365.40), ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Amoxicillin Related Compound D RS [(4S)-2-[(R)-2-amino-2-(4-hydroxyphenyl)acetamido](carboxy)methyl]-5,5-dimethylthiazolidine-4-carboxylic acid; amoxicillin open ring](C16H21N3O6S383.42), ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Amoxicillin Related Compound G RS [(2S,5R,6R)-6-[(R)-2-[(R)-2-Amino-2-(4-hydroxyphenyl)acetamido]-2-(4-hydroxyphenyl) acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid; d-hydroxyphenylglycylamoxicillin](C24H26N4O7S514.55)

[Ahalya Wise](#)

AMOXICILLIN FOR ORAL
SUSPENSION PF 36(4) Pg. 894

IMPURITIES/Organic Impurities, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Amoxicillin Related Compound E RS [(4S)-2-[(R)-2-amino-2-(4-hydroxyphenyl)acetamido]methyl]-5,5-dimethylthiazolidine-4-carboxylic acid; amoxicillin penilloic derivatives](C15H21N3O4S339.41), ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Amoxicillin Related Compound G RS (2S,5R,6R)-6-[(R)-2-[[R)-2-amino-2-(4-hydroxyphenyl)acetamido]-2-(4-hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid; d-hydroxyphenylglycylamoxicillin](C24H26N4O7S514.55)

[Ahalya Wise](#)

AMOXICILLIN TABLETS PF
36(4) Pg. 896

IMPURITIES/Organic Impurities, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Amoxicillin Related Compound A RS [(2S,5R,6R)-6-amino-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid; 6-aminopenicillanic acid](C8H12N2O3S216.26), ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Amoxicillin Related Compound D RS [(4S)-2-[(R)-2-amino-2-(4-hydroxyphenyl)acetamido](carboxy)methyl]-5,5-dimethylthiazolidine-4-carboxylic acid; amoxicillin open ring](C16H21N3O6S383.42)

[Ahalya Wise](#)

AMOXICILLIN AND
CLAVULANATE POTASSIUM
FOR ORAL SUSPENSION PF
36(4) Pg. 899

IMPURITIES/Organic Impurities, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Amoxicillin Related Compound A RS [(2S,5R,6R)-6-amino-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid; 6-aminopenicillanic acid](C8H12N2O3S216.26), ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Amoxicillin Related Compound D RS [(4S)-2-[(R)-2-amino-2-(4-hydroxyphenyl)acetamido](carboxy)methyl]-5,5-dimethylthiazolidine-4-carboxylic acid; amoxicillin open ring](C16H21N3O6S383.42)

[Ahalya Wise](#)

AMOXICILLIN AND
CLAVULANATE POTASSIUM
TABLETS PF 36(4) Pg. 901

IMPURITIES/Organic Impurities, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Amoxicillin Related Compound A RS [(2S,5R,6R)-6-amino-
3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]
heptane-2-carboxylic acid; 6-aminopenicillanic
acid](C₈H₁₂N₂O₃S₂16.26), ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Amoxicillin Related Compound D RS [(4S)-2-
{[(R)-2-amino-2-(4-hydroxyphenyl)acetamido]
(carboxy)methyl}-5,5-dimethylthiazolidine-4-
carboxylic acid; amoxicillin open ring](C₁₆H₂₁N₃O₆S₃383.42)

[Ahalya Wise](#)

ANAGRELIDE
HYDROCHLORIDE PF 36(5)
Pg. 1160

Title, Chemical Info/Chemical Structure, Chemical
Info/C₁₀H₇Cl₂N₃O&middledot;HCl&middledot;H₂O, Chemical
Info/310.56, Chemical Info/Anhydrous, Chemical Info/292.55,
Chemical Info/CAS, Chemical Info/Imidazo[2,1-b]quinazolin-
2(3H)-one, 6,7-dichloro-1,5-dihydro-, monohydrochloride,
monohydrate;, Chemical Info/6,7-Dichloro-1,5-
dihydroimidazo[2,1-b]-quinazolin-2(3H)-one
monohydrochloride, monohydrate, DEFINITION/Introduction,
IDENTIFICATION/A. Infrared Absorption <197K>,
IDENTIFICATION/B., IDENTIFICATION/C. Identification
Tests—General, Chloride <191>, ASSAY/Procedure,
IMPURITIES/Inorganic Impurities/Residue on Ignition <281>,
IMPURITIES/Inorganic Impurities/Heavy Metals, Method II
<231>, IMPURITIES/Organic Impurities/Procedure,
SPECIFIC TESTS/Water Determination, Method I <921>,
ADDITIONAL REQUIREMENTS/Packaging and Storage,
ADDITIONAL REQUIREMENTS/USP Reference Standards
<11>/USP Anagrelide Hydrochloride RS, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Anagrelide Related Compound A RS [ethyl 2-(6-amino-2,3-
dichlorobenzylamino)acetate] (C₁₁H₁₄Cl₂N₂O₂2277.15),
ADDITIONAL REQUIREMENTS/USP Reference Standards
<11>/USP Anagrelide Related Compound B RS [(2-amino-
5,6-dichloroquinazolin-3(4H)-yl)acetic acid]
(C₁₀H₉Cl₂N₃O₂2274.10)

[Sujatha
Ramakrishna](#)

ANAGRELIDE CAPSULES PF
36(5) Pg. 1162

Title, DEFINITION/Introduction,
IDENTIFICATION/Introduction, ASSAY/Procedure,
PERFORMANCE TESTS/Dissolution <711>,
PERFORMANCE TESTS/Uniformity of Dosage Units <905>,
IMPURITIES/Organic Impurities/Procedure, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Anagrelide Hydrochloride RS, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Anagrelide Related Compound A RS, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Anagrelide Related Compound C RS

[Sujatha
Ramakrishna](#)

Title, Chemical Info/Chemical Structure, Chemical
Info/C₁₆H₂₆O₅, Chemical Info/298.37, Chemical
Info/(3R,5aS,6R,8aS,9R,10S,12R,12aR)-Decahydro-10-

ARTEMETHER PF 36(2) Pg.
377

methoxy-3,6,9-
trimethyl-3,12-
epoxy-12H-pyrano[4.3-j]-1,2-benzodioxepin, Chemical
Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A.
Infrared Absorption <197K>, IDENTIFICATION/B.,
ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Residue
on Ignition <281>, IMPURITIES/Inorganic Impurities/Heavy
Metals, Method II <231>, IMPURITIES/Organic
Impurities/Procedure 1: Analysis of Cyclohexanone Propanal
Derivative and Furoisochromen Derivative by TLC,
IMPURITIES/Organic Impurities/Procedure 2: Analysis of
Artemether Related Compound A, Artemether Related
Compound B, and Any Other Individual Impurity by HPLC,
SPECIFIC TESTS/Optical Rotation, Specific Rotation <781S>,
SPECIFIC TESTS/Color of solution, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Artemether RS, ADDITIONAL REQUIREMENTS/USP
Reference Standards <11>/USP Artemether Related Compound
A RS [(3R,5aS,6R,8aS,9R,12R,12aR)-Decahydro-10-hydroxy-
3,6,9-trimethyl-3,
12-epoxy
-12H-pyrano[4,3-j]-1,2-benzodioxepin](C15H24O5284.35),
ADDITIONAL REQUIREMENTS/USP Reference Standards
<11>/USP Artemether Related Compound B RS
[(3R,5aS,6R,8aS,9R,10R,12R,12aR)-Decahydro-10-methoxy-
3,6,9-trimethyl-3,
12
-epoxy-12H-pyrano[4,3-j]-1,2-
benzodioxepin](C16H26O5298.37)

[Behnam
Davani](#)

Title, DEFINITION/Introduction, IDENTIFICATION/A. Thin
Layer Chromatography, IDENTIFICATION/B.,
ASSAY/Procedure, PERFORMANCE TESTS,
PERFORMANCE TESTS/Dissolution <711>,
PERFORMANCE TESTS/Uniformity of Dosage Units <905>,
IMPURITIES/Organic Impurities/Procedure 1: Impurities of
Artemether, IMPURITIES/Organic Impurities/Procedure 2:
Impurities of Lumefantrine, IMPURITIES/Organic
Impurities/Acceptance criteria, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Artemether RS, ADDITIONAL REQUIREMENTS/USP
Reference Standards <11>/USP Artemether Related Compound
A RS [(3R,5aS,6R,8aS,9R,12R,12aR)-Decahydro-10-hydroxy-
3,6,9-trimethyl-3,12-
epoxy-
12H-pyrano[4,3-j]-1,2-benzodioxepin](C15H24O5284.35),
ADDITIONAL REQUIREMENTS/USP Reference Standards
<11>/USP Artemether Related Compound B RS
[(3R,5aS,6R,8aS,9R,10R,12R,12aR)-Decahydro-10-methoxy-
3,6,9-trimethyl-3
,12-epoxy-12H-pyrano[4,3-j]-1,2-
benzodioxepin](C16H26O5298.37), ADDITIONAL

ARTEMETHER AND
LUMEFANTRINE TABLETS
PF 36(2) Pg. 379

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Davani](#)

REQUIREMENTS/USP Reference Standards <11>/USP Lumefantrine RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Lumefantrine Related Compound A RS [(RS, Z)-2-(Dibutylamino)-2-(2,7-dichloro-9-(4-chlorobenzylidene)-9H-fluoren-4-yl)ethanol](C₃₀H₃₂Cl₃NO₅28.94)

Title, Chemical Info/Chemical Structure, Chemical Info/C₄₂H₇₀-nO₃₅&middledot;(C₄H₈SO₃Na)_n, Chemical Info/2163 when n = 6.5, Chemical Info/Beta Cyclodextrin Sulfobutyl Ethers, Sodium Salts;, Chemical Info/Beta Cyclodextrin Sulfobutyl Ether Sodium, Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197K>, IDENTIFICATION/B., IDENTIFICATION/C., IDENTIFICATION/D. Identification Tests—General, Sodium <191>, ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Heavy Metals, Method II <231>, IMPURITIES/Inorganic Impurities/Limit of Sodium Chloride, IMPURITIES/Organic Impurities/Procedure 1: Limit of Beta Cyclodextrin (Betadex), IMPURITIES/Organic Impurities/Procedure 2: Limit of 4-Hydroxybutane-1-Sulfonic Acid, IMPURITIES/Organic Impurities/Procedure 3: Limit of Bis(4-Sulfobutyl) Ether Disodium, IMPURITIES/Organic Impurities/Procedure 4: Limit of 1,4-Butane Sultone, SPECIFIC TESTS, SPECIFIC TESTS/Bacterial Endotoxins Test <85>, SPECIFIC TESTS/Microbial Enumeration Tests <61> and Tests for Specified Microorganisms <62>, SPECIFIC TESTS/Clarity of Solution, SPECIFIC TESTS/Average Degree of Substitution, SPECIFIC TESTS/pH <791>, SPECIFIC TESTS/Water Determination, Method I <921>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Beta Cyclodextrin RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Betadex Sulfobutyl Ether Sodium RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Endotoxin RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Sodium Chloride RS

Title, Chemical Info/Chemical Structure, Chemical Info/Butyl Octadecanoate, Chemical Info/C₂₂H₄₄O₂, Chemical Info/340.59, Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/Infrared Absorption <197F>, SPECIFIC TESTS/Solubility in alcohol, SPECIFIC TESTS/Specific Gravity <841>, SPECIFIC TESTS/Fats and Fixed Oils, Iodine Value <401>, SPECIFIC TESTS/Melting Range or Temperature, Class III <741>, SPECIFIC TESTS/Fats and Fixed Oils, Saponification Value <401>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Butyl Stearate RS

BETADEX SULFOBUTYL
ETHER SODIUM PF 36(2) Pg.
447

[Hong Wang](#)

BUTYL STEARATE PF 35(6)
Pg. 1502

[Robert Lafaver](#)

CALCITONIN SALMON PF 36(5) Pg. 1174	DEFINITION/Introduction, IMPURITIES/Organic Impurities/Procedure: Related Peptides and Other Related Substances, SPECIFIC TESTS/Bioidentity, SPECIFIC TESTS/Microbial Enumeration Tests <61> and Tests for Specified Microorganisms <62>	Thomas Sigambris
CARBIDOPA AND LEVODOPA EXTENDED-RELEASE TABLETS PF 34(6) Pg. 1433	Title, Definition, Packaging and storage, Labeling, USP Reference standards <11>, Identification, Dissolution <711> - Test 1, Dissolution <711> - Test 2, Dissolution <711> - Test 3, Uniformity of dosage units <905>, Related compounds, Assay	Ravi Ravichandran
CEFEPIME HYDROCHLORIDE PF 36(1) Pg. 76	ASSAY/Procedure, IMPURITIES/Organic Impurities/Procedure 1: Limit of N-Methylpyrrolidine, IMPURITIES/Organic Impurities/Procedure 2: Other Organic Impurities, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Cefepime Hydrochloride System Suitability RS	Ahalya Wise
CEFEPIME FOR INJECTION PF 36(1) Pg. 79	ASSAY/Procedure, IMPURITIES/Organic Impurities/Procedure 1: Limit of N-Methylpyrrolidine, IMPURITIES/Organic Impurities/Procedure 2: Other Organic Impurities, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Cefepime Hydrochloride System Suitability RS	Ahalya Wise
CETIRIZINE HYDROCHLORIDE TABLETS PF 36(2) Pg. 389	Title, DEFINITION/Introduction, IDENTIFICATION/Introduction, ASSAY/Procedure, PERFORMANCE TESTS, PERFORMANCE TESTS/Dissolution <711>, PERFORMANCE TESTS/Uniformity of Dosage Units <905>, IMPURITIES/Organic Impurities/Procedure, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Cetirizine Hydrochloride RS	Domenick Vicchio
DESCRIPTION AND SOLUBILITY PF 36(2) Pg. 578	Artemether, Butyl Stearate, Betadex Sulfobutyl Ether Sodium, Montelukast Sodium, Fosfomycin Tromethamine, Valganciclovir Hydrochloride, Diethyl Sebacate, Lumefantrine, Milbemycin Oxime, Anagrelide Hydrochloride, Polyglyceryl Dioleate, Hydrogenated Starch Hydrolysate, Albumin Human	Behnam Davani
DIETHYL SEBACATE PF 35(5) Pg. 1203	Title, Chemical Info/Chemical Structure, Chemical Info/CH ₃ CH ₂ OOC(CH ₂) ₈ COOCH ₂ CH ₃ , Chemical Info/C ₁₄ H ₂₆ O ₄ , Chemical Info/258.35, Chemical Info/Decanedioic acid, 1,10-diethyl ester;, Chemical Info/Diethyl 1,10-decanedioate, Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197F>, IDENTIFICATION/B., ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Residue on Ignition <281>, IMPURITIES/Inorganic Impurities/Heavy Metals, Method II <231>, SPECIFIC TESTS/Specific Gravity <841>, SPECIFIC TESTS/Refractive Index <831>, SPECIFIC TESTS/Fats and Fixed Oils, Acid Value <401>, SPECIFIC TESTS/Fats and Fixed Oils, Iodine Value <401>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards	Robert Lafaver

<11>

Title, DEFINITION/Introduction, IDENTIFICATION/Introduction, ASSAY/Procedure, PERFORMANCE TESTS, PERFORMANCE TESTS/Dissolution <711>, PERFORMANCE TESTS/Uniformity of Dosage Units <905>, IMPURITIES/Organic Impurities/Procedure, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Drospirenone RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Ethinyl Estradiol RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Ethinyl Estradiol Related Compound B RS 19-Nor-17 α ;pregna-1,3,5(10),9(11)-tetraen-20-yne-3,17-diol(C20H22O2294.39)

DROSPIRENONE AND ETHINYL ESTRADIOL TABLETS PF 36(4) Pg. 914

[Domenick Vicchio](#)

ESTRADIOL TRANSDERMAL SYSTEM PF 35(5) Pg. 1136

PERFORMANCE TESTS/Drug Release <724>

[Margareth Marques](#)

Title, DEFINITION/Introduction, IDENTIFICATION/A., IDENTIFICATION/B. Thin-Layer Chromatography Identification Test <201>, ASSAY/Procedure, PERFORMANCE TESTS, PERFORMANCE TESTS/Drug Release <724>, PERFORMANCE TESTS/Uniformity of Dosage Units <905>, IMPURITIES/Organic Impurities /Procedure 1, IMPURITIES/Organic Impurities /Procedure 2, SPECIFIC TESTS/Alcohol Content, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Fentanyl Citrate RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/ USP Fentanyl Related Compound E RS 1-phenethyl-N-phenylpiperidine-4-amineC19H24N2 & middot; 2HCl353.33, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/ USP Fentanyl Related Compound G RS N-(1-phenethyl-4-piperidyl)-acetanilide, acetyl fentanylC21H26N2O322.44, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Alcohol RS

FENTANYL TRANSDERMAL SYSTEM PF 36(2) Pg. 397

[Clydewyn Anthony](#)

Title, Chemical Info/Chemical Structure, Chemical Info/C845H1339N223O243S9, Chemical Info/ 18,800 daltons, Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A, IDENTIFICATION/B, IDENTIFICATION/C: Peptide Mapping, ASSAY/Potency, IMPURITIES/Organic Impurities, IMPURITIES/Procedure 1/Solution A, IMPURITIES/Procedure 1/Solution B, IMPURITIES/Procedure 1/Mobile phase, IMPURITIES/Procedure 1/Standard solution, IMPURITIES/Procedure 1/Sample solution, IMPURITIES/Procedure 1/Chromatographic system, IMPURITIES/Procedure 1/System suitability, IMPURITIES/Procedure 1/Analysis, IMPURITIES/Procedure 1/Acceptance criteria, IMPURITIES/Procedure 2: Impurities

With Charges Different From Filgrastim/1 M phosphoric acid solution, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/1 M sodium hydroxide solution, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Anolyte solution, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Catholyte solution, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Initiator, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Fixing solution, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Gel wash I, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Coomassie staining solution, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Coomassie destaining solution, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Reference solution A, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Reference solution B, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Reference solution C, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Reference solution D, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Sample solution, IMPURITIES/Procedure 2: Impurities With Charges Different From Filgrastim/Analysis, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/4X SDS sample buffer (nonreducing conditions), IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/4X SDS sample buffer (reducing conditions), IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/1X SDS sample buffer (nonreducing conditions), IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/1X SDS sample buffer (reducing conditions), IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Gel wash I, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Gel wash II, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Reducer solution, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Silver nitrate solution, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Developer, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Acetic acid solution, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Running buffer, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Resolving gel, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Reference solution A,

FILGRASTIM PF 36(5) Pg. 1180

[Clydewyn Anthony](#)

IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Reference solution B, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Reference solution C, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Reference solution D, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Sample solution, IMPURITIES/Procedure 3: Impurities With Molecular Weight Different From That of Filgrastim/Analysis, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/Mobile phase, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/Column conditioning solution, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/Resolution solution, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/Standard solution, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/Sample solution, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/Chromatographic system, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/System suitability, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/Analysis, IMPURITIES/Procedure 4: Limit of High Molecular Weight Proteins/Acceptance criteria, SPECIFIC TESTS/Protein Concentration, SPECIFIC TESTS/Microbial Enumeration Tests <61>, SPECIFIC TESTS/Bacterial Endotoxins Test <85>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Endotoxin RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Filgrastim RS

Title, Chemical Info/Chemical Structure, Chemical Info/C₃H₇O₄P·C₄H₁₁NO₃, Chemical Info/259.19, Chemical Info/Phosphonic acid, (3-methyloxiranyl)-, (2R-cis)-, compd. with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1);, Chemical Info/(1R,2S)-(1,2-Epoxypropyl)phosphonic acid, compound with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1), Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197K>, IDENTIFICATION/B., IDENTIFICATION/C., ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Heavy Metals, Method I <231>, IMPURITIES/Inorganic Impurities/Limit of Inorganic Phosphates, IMPURITIES/Organic Impurities/Procedure, SPECIFIC TESTS/pH <791>, SPECIFIC TESTS/Optical Rotation, Specific Rotation <781S>, SPECIFIC TESTS/Water Determination, Method Ic <921>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Fosfomycin Tromethamine RS

Chemical Info/Molecular Weight, Chemical Info/Chemical Name, DEFINITION/Introduction,

FOSFOMYCIN
TROMETHAMINE PF 36(2) Pg.
404

[Behnam Davani](#)

GLUCAGON PF 35(5) Pg. 1148	IDENTIFICATION/Introduction, IDENTIFICATION/A, IDENTIFICATION/B, ASSAY/Procedure, OTHER COMPONENTS/Nitrogen Determination, Method II <461>, IMPURITIES/Inorganic Impurities, IMPURITIES/Organic Impurities/Procedure, SPECIFIC TESTS/Water Determination, Method IMethod Ic <921>, SPECIFIC TESTS/Bacterial Endotoxins Test <85>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>	Thomas Sigambris
GLUCAGON FOR INJECTION PF 35(5) Pg. 1152	DEFINITION/Introduction, IDENTIFICATION/Introduction, ASSAY/Procedure, IMPURITIES/Organic Impurities, SPECIFIC TESTS/Water Determination, Method Ic <921>, SPECIFIC TESTS/pH and Clarity of solution, SPECIFIC TESTS/Bacterial Endotoxins Test <85>, SPECIFIC TESTS/Sterility Tests <71>, SPECIFIC TESTS/Other Requirements, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>	Thomas Sigambris
HELIUM PF 35(4) Pg. 850	IDENTIFICATION/A., IDENTIFICATION/B., IDENTIFICATION/Introduction, ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Carbon Monoxide, IMPURITIES/Inorganic Impurities/Acceptance criteria, SPECIFIC TESTS/Odor, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling	Ravi Ravichandran
HEPARIN CALCIUM PF 36(5) Pg. 1185	Title, DEFINITION/Introduction, IDENTIFICATION, IDENTIFICATION/A. 1H NMR Spectrum, IDENTIFICATION/B. Identification Tests—General, Calcium <191>, ASSAY/Anti-Factor IIa Potency	Anita Szajek
HYDROMORPHONE HYDROCHLORIDE PF 35(5) Pg. 1156	IMPURITIES/Organic Impurities/Procedure, ADDITIONAL REQUIREMENTS/ USP Reference Standards <11>	Clydewyn Anthony
HYDROXYPROPYL CORN STARCH PF 36(5) Pg. 1229	Title	Hong Wang
LORATADINE ORALLY-DISINTEGRATING TABLETS PF 34(3) Pg. 624	Title, Definition, Packaging and storage, USP Reference standards <11>, Identification, Disintegration <701>, Dissolution <711>, Uniformity of dosage units <905>, Related compounds, Assay	Mary Waddell
LORATADINE AND PSEUDOEPHEDRINE SULFATE EXTENDED-RELEASE TABLETS PF 32(6) Pg. 1715	Title, Definition, Packaging and storage, USP Reference standards <11>, Identification, Dissolution <711>, Uniformity of dosage units <905>, Loss on drying <731>, Loratadine chromatographic purity, Pseudoephedrine sulfate chromatographic purity, Assay for loratadine, Assay for pseudoephedrine sulfate	Mary Waddell
	Title, Chemical Info/Chemical Structure, Chemical Info/C30H32Cl3NO, Chemical Info/528.94, Chemical Info/(±)-2,7-Dichloro-9-[(Z)-p-chlorobenzylidene]-α	

LUMEFANTRINE PF 36(2) Pg. 413

[(dibutylamino)methyl]-fluorene-4-methanol, Chemical Info/CAS, DEFINITION/Paragraph Text, IDENTIFICATION/A. Infrared Absorption <197K>, IDENTIFICATION/B., ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Residue on Ignition <281>, IMPURITIES/Inorganic Impurities/Heavy Metals, Method II <231>, IMPURITIES/Organic Impurities/Procedure, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Lumefantrine RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Lumefantrine Related Compound A RS [(RS, Z)-2-(Dibutylamino)-2-(2,7-dichloro-9-(4-chlorobenzylidene)-9H-fluorene-4-yl)ethanol](C30H32Cl3NO528.94), ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Lumefantrine Related Compound B RS Lumefantrine related compound B is a mixture of isomers A and B. [Isomer A is (1S,3R,5R)-1,3-bis[(EZ)-2,7-Dichloro-9-(4-chlorobenzylidene)-9H-fluorene-4-yl]-2,6-dioxabicyclo[3.1.0]hexane.] [Isomer B is 2-((EZ)-2,7-Dichloro-9-(4-chlorobenzylidene)-9H-fluorene-4-yl)-3'-((EZ)-2,7-dichloro-9-(4-chlorobenzylidene)-9H-fluorene-4-yl)-2,2'-bioxirane.](C44H24Cl6O2797.4)

[Behnam Davani](#)

METOLAZONE TABLETS PF 35(6) Pg. 1464

PERFORMANCE TESTS/Dissolution

[Margareth Marques](#)

Title, Chemical Info/Chemical Structure, Chemical Info/C31H43NO7 (Milbemycin A3 Oxime), Chemical Info/541.68, Chemical Info/Milbemycin B, 5-O-demethyl-28-deoxy-25-methyl-6,28-epoxy-23-hydroxyimino-, [6R,23S,25S(E)]-,; Chemical Info/(2 α ;E,4E,5 α ;S,6R,6 α ;S,8E,11R,13R,15S,17 α ;R,20 α ;R,20 β ;S)-6 α ;ethyl-3 α ;4 α ;5 α ;6,6 α ;7,10,11,14,15,17 α ;20,20 α ;20 β ;tetradecahydro-20 β ;hydroxy-5 α ;6,8,19-tetramethylspiro[11,15-methano-2H,13H,17H-furo[4,3,2-pq][2,6]benzodioxacyclooctadecin-13,2 α ;-[2H]pyran]-17-one 20-oxime;, Chemical Info/(1R, 4S, 5 α ;S, 6R, 6 α ;R, 8R, 13R, 20R, 24S, 10E, 14E, 16E, 22Z)-24-hydroxy-21-hydroxyimino-2-oxo-11, 13, 22-trimethyl-3, 7, 19-trioxatetracyclo-[15, 6, 1,14,8,0,20,24] pentacosane-10, 14, 16, 22-tetraene-6-spiro-2 α ;-(5 α ;6 α ;prime;-dimethyltetrahydropyran), Chemical Info/C32H45NO7 (Milbemycin A4 Oxime), Chemical Info/555.70, Chemical Info/Milbemycin B, 5-O-demethyl-28-deoxy-25-ethyl-6,28-epoxy-23-hydroxyimino-,

MILBEMYCIN OXIME PF
36(2) Pg. 417

[6R,23S,25S(E)]-; Chemical
Info/(2 α ;E,4E,5 α ;S,6R,6 α ;S,
8E,11R,13R,15S,17 α ;R,
20 α ;R,20 β ;S)-6 α ;S-
3 α ;S,4 α ;S,5 α ;S,6,6 α ;S,7,10,
11,14,15,17 α ;S,20,20 α ;
 α ;20 β ;-tetradecahydro-20 β ;-hydroxy-
5 α ;S,6 α ;S,6,8,19-pentamethylspiro
[11,15-methano-2H,13H,17H-furo[4,3,2-pq][2,6]
benzodioxacyclooctadecin-13,2 α ;S;-[2H]pyran]-17-one
20-oxime; Chemical Info/(1R, 4S, 5 α ;S,
6R, 6 α ;R, 8R, 13R, 20R, 24S, 10E, 14E, 16E, 22Z)-24-
hydroxy-21
-hydroxyimino-2-oxo-11, 13, 22-trimethyl-3, 7, 19-
trioxatetracyclo-
[15, 6, 1,14,8,020,24] pentacosa-10, 14, 16, 22-tetraene-6-
spiro-2 α ;S-
(6 α ;S;-ethyl-5 α ;S;-methyltetrahydropyran); Chemical
Info/Mixture of milbemycin A3
oxime and milbemycin A4 oxime, Chemical Info/CAS,
DEFINITION/Introduction,
IDENTIFICATION/A. Infrared Absorption <197K>,
IDENTIFICATION/B., ASSAY/Procedure,
IMPURITIES/Organic
Impurities/Procedure, SPECIFIC TESTS/Water Determination,
Method I <921>,
ADDITIONAL REQUIREMENTS/Packaging and Storage,
ADDITIONAL REQUIREMENTS/USP
Reference Standards <11>/USP Milbemycin Oxime RS

[Morgan
Puderbaugh](#)

MONTELUKAST SODIUM PF
36(1) Pg. 121

Title, Chemical Info/Chemical Structure, Chemical
Info/C35H35ClNNaO3S, Chemical Info/ 608.17, Chemical
Info/Cyclopropaneacetic acid, 1-[[[1-[3-[2-(7-chloro-2-
quinolinyloxy)ethenyl]phenyl]
-3-[2-(1-hydroxy-1-methylethyl)
phenyl]propyl]thio]methyl]-, sodium salt, [R-,(E)]-; Chemical
Info/Sodium 1-[[[(R)-m-[(E)-2-(7-chloro-2-quinolinyloxy)vinyl]
- α ;-
[o-(1-hydroxy-1-methylethyl)
phenethyl]benzyl]thio]-methyl]cyclopropaneacetate, Chemical
Info/CAS, Chemical Info/C35H36ClNO3S, Chemical Info/
586.18, Chemical Info/Montelukast,
DEFINITION/Introduction,
IDENTIFICATION/A. Infrared Absorption <197>,
IDENTIFICATION/B.
Identification Tests—General, Sodium <191>,
IDENTIFICATION/C., ASSAY/Note, ASSAY/Procedure,
IMPURITIES/Inorganic Impurities/Heavy Metals,
IMPURITIES/Organic Impurities/Procedure, SPECIFIC
TESTS/Water Determination, Method Ia <921>, SPECIFIC
TESTS/Enantiomeric Purity, ADDITIONAL
REQUIREMENTS/Packaging and Storage,
ADDITIONAL REQUIREMENTS/USP Reference Standards
<11>/USP Montelukast

[Mary Waddell](#)

Sodium RS, ADDITIONAL REQUIREMENTS/USP
Reference Standards <11>/USP
Montelukast Dicyclohexylamine (DCHA) RS, ADDITIONAL
REQUIREMENTS/USP
Reference Standards
<11>/(C35H36ClNO3S&middledot;C12H23N767.50),
ADDITIONAL REQUIREMENTS/USP Reference Standards
<11>/USP Montelukast
Racemate RS, ADDITIONAL REQUIREMENTS/USP
Reference
Standards <11>/USP Montelukast for Peak Identification RS

MORPHINE SULFATE
EXTENDED-RELEASE
CAPSULES PF 36(2) Pg. 422

PERFORMANCE
TESTS/Dissolution <711>

[Clydewyn
Anthony](#)

MORPHINE SULFATE
EXTENDED-RELEASE
TABLETS PF 35(5) Pg. 1164

Title, DEFINITION/Introduction,
IDENTIFICATION/A. Identification Tests-General, Sulfate
<191>,
IDENTIFICATION/B., ASSAY/Procedure, PERFORMANCE
TESTS, PERFORMANCE
TESTS/Drug Release <724>, PERFORMANCE
TESTS/Uniformity of Dosage
Units <905>, IMPURITIES/Organic Impurities/Procedure,
ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/USP Reference
Standards <11>

[Clydewyn
Anthony](#)

NITROGEN PF 35(4) Pg. 910

IDENTIFICATION/Introduction,
ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Carbon
Monoxide,
SPECIFIC TESTS/Odor, ADDITIONAL
REQUIREMENTS/Packaging and Storage,
ADDITIONAL REQUIREMENTS/Labeling

[Ravi
Ravichandran](#)

NITROGEN 97 PERCENT PF
35(4) Pg. 911

DEFINITION/Introduction, IDENTIFICATION/Introduction,
ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Carbon
Dioxide, IMPURITIES/Inorganic Impurities/Carbon Monoxide,
IMPURITIES/Inorganic Impurities/Sulfur Dioxide,
IMPURITIES/Inorganic Impurities/Limit of Nitric Oxide and
Nitrogen Dioxide, ADDITIONAL
REQUIREMENTS/Packaging and Storage

[Ravi
Ravichandran](#)

NITROUS OXIDE PF 35(4) Pg.
859

DEFINITION/Introduction, IDENTIFICATION/A.,
IDENTIFICATION/B., IDENTIFICATION/C.,
ASSAY/Procedure, IMPURITIES/Inorganic
Impurities/Ammonia, IMPURITIES/Inorganic Impurities/Nitric
Oxide, IMPURITIES/Inorganic Impurities/Nitrogen Dioxide,
IMPURITIES/Inorganic Impurities/Halogens,
IMPURITIES/Inorganic Impurities/Carbon Monoxide,
IMPURITIES/Inorganic Impurities/Carbon Dioxide, SPECIFIC
TESTS/Water, ADDITIONAL REQUIREMENTS/Packaging
and Storage, ADDITIONAL REQUIREMENTS/Labeling

[Ravi
Ravichandran](#)

NONYL PARABEN PF 36(2) Pg.

Nonylparaben (4-Hydroxybenzoic acid nonyl ester, nonyl 4-

[Morgan](#)

Title, Chemical Info/Chemical Structure, Chemical Info/C29H30N6O6, Chemical Info/558.59, Chemical Info/1H-Imidazole-5-carboxylic acid, 4-(1-hydroxy-1-methylethyl)-2-propyl-1-[[2'-prime;-(1H-tetrazol-5-yl) [1,1'-prime;-biphenyl]-4-yl]methyl]-, (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester, Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197K>, IDENTIFICATION/B., ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Residue on Ignition <281>, IMPURITIES/Inorganic Impurities/Heavy Metals, Method II <231>, IMPURITIES/Organic Impurities/Procedure, SPECIFIC TESTS/Limit of Acetone (if present), SPECIFIC TESTS/Water Determination, Method Ic <921>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Olmesartan Medoxomil RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Olmesartan Medoxomil Related Compound A RS

OLMESARTAN MEDOXOMIL
PF 36(5) Pg. 1197

[Sujatha
Ramakrishna](#)

Title, Chemical Info/Chemical Structure, Chemical Info/C29H53NO5, Chemical Info/495.73, Chemical Info/l-Leucine, N-formyl-, 1-[(3-hexyl-4-oxo-2-oxetanyl)methyl]dodecyl ester, [2S-[2 α ;(R*), 3 β];]-,; Chemical Info/N-Formyl-l-leucine, ester with (3S,4S)-3-hexyl-4-[(2S)-2-hydroxytridecyl]-2-oxetanone, Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197M>, IDENTIFICATION/B., ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Residue on Ignition <281>, IMPURITIES/Inorganic Impurities/Heavy Metals, Method II <231>, IMPURITIES/Organic Impurities/Procedure 1: Limit of Orlistat Related Compound A, IMPURITIES/Organic Impurities/Procedure 2: Limit of Orlistat Related Compound B, IMPURITIES/Organic Impurities/Procedure 3, IMPURITIES/Organic Impurities/Procedure 4: Limit of Orlistat Related Compound D, IMPURITIES/Organic Impurities/Procedure 5: Limit of Orlistat Related Compound E, SPECIFIC TESTS/Optical Rotation, Specific Rotation <781>, SPECIFIC TESTS/Water Determination, Method Ic <921>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>

ORLISTAT PF 35(5) Pg. 1166

[Clydewyn
Anthony](#)

Title, DEFINITION/Introduction, IDENTIFICATION/Introduction, ASSAY/Procedure, PERFORMANCE TESTS, PERFORMANCE TESTS/Uniformity of Dosage Units <905>, IMPURITIES/Organic Impurities/Procedure, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>

ORLISTAT CAPSULES PF
35(5) Pg. 1169

[Clydewyn
Anthony](#)

OXCARBAZEPINE PF 34(5)
Pg. 1177

Related compounds

[Ravi
Ravichandran](#)

<p>OXCARBAZEPINE TABLETS PF 34(6) Pg. 1478</p>	<p>Title, Definition, Packaging and storage, USP Reference standards <11>, Identification, Uniformity of dosage units <905>, Related compounds, Assay</p>	<p>Ravi Ravichandran</p>
<p>OXYGEN PF 35(4) Pg. 861</p>	<p>IDENTIFICATION/Procedure, IDENTIFICATION/B. Procedure, ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Carbon Dioxide, IMPURITIES/Inorganic Impurities/Carbon Monoxide, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling</p>	<p>Ravi Ravichandran</p>
<p>OXYGEN 93 PERCENT PF 35(4) Pg. 862</p>	<p>IDENTIFICATION/A. Procedure, IDENTIFICATION/B. Procedure, ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Carbon Dioxide, IMPURITIES/Inorganic Impurities/Carbon Monoxide, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling</p>	<p>Ravi Ravichandran</p>
<p>PANCURONIUM BROMIDE INJECTION PF 32(4) Pg. 1097</p>	<p>Title, Definition, Packaging and storage, USP Reference standards <11>, Identification, Bacterial endotoxins <85>, pH <791>, Particulate matter <788>, Related compounds, Other requirements, Assay</p>	<p>Mary Waddell</p>
<p>POLYGLYCERYL DIOLEATE PF 36(5) Pg. 1234</p>	<p>Title, Chemical Info/R&ndash;O&ndash;(CH2&ndash;CH(OR)&ndash;CH2&ndash;O)3&ndash;R, Chemical Info/R = H, or CO&ndash;C17H33, Chemical Info/1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate,, Chemical Info/Polyglyceryl 3 Dioleate, Chemical Info/CAS, Chemical Info/R&ndash;O&ndash;(CH2&ndash;CH(OR)&ndash;CH2&ndash;O)6&ndash;R, Chemical Info/Polyglyceryl 6 Dioleate, DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197F>, IDENTIFICATION/B., IDENTIFICATION/C., ASSAY/Content of Fatty Acids, IMPURITIES/Inorganic Impurities/Residue on Ignition, IMPURITIES/Inorganic Impurities/Heavy Metals, Method II <231>, SPECIFIC TESTS/Acid Value, SPECIFIC TESTS/Fats and Fixed Oils, Hydroxyl Value <401>, SPECIFIC TESTS/Iodine Value, SPECIFIC TESTS/Fats and Fixed Oils, Peroxide Value <401>, SPECIFIC TESTS/Fats and Fixed Oils, Saponification Value <401>, SPECIFIC TESTS/Water, Method I <921>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Methyl Myristate RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Methyl Palmitate RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Methyl Palmitoleate RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Methyl Stearate RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Methyl Oleate RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Methyl Linoleate RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP</p>	<p>Hong Wang</p>

Methyl Linolenate RS, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Polyglyceryl 3 Dioleate RS, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>/USP
Polyglyceryl 6 Dioleate RS

Title, DEFINITION/Introduction,
IDENTIFICATION/Introduction, ASSAY/Procedure,
IMPURITIES/Organic Impurities/Procedure 1,
IMPURITIES/Organic Impurities/Procedure 2, SPECIFIC
TESTS, SPECIFIC TESTS/ pH <791>, SPECIFIC TESTS/
Alcohol Determination (if present), Method II <611>,
SPECIFIC TESTS/Deliverable Volume <698>, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/ USP Reference Standards <11>

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PROMETHAZINE AND
PHENYLEPHRINE
HYDROCHLORIDE ORAL
SOLUTION PF 35(2) Pg. 298

Title, DEFINITION/Introduction,
IDENTIFICATION/Introduction, ASSAY/Procedure,
IMPURITIES/Organic Impurities/Procedure 1,
IMPURITIES/Organic Impurities/Procedure 2, SPECIFIC
TESTS, SPECIFIC TESTS/pH <791>, SPECIFIC
TESTS/Alcohol Determination, Method II <611> (if present),
SPECIFIC TESTS/Deliverable Volume <698>, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>

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PROMETHAZINE AND
PHENYLEPHRINE
HYDROCHLORIDE AND
CODEINE PHOSPHATE ORAL
SOLUTION PF 35(2) Pg. 301

Title, DEFINITION/Introduction,
IDENTIFICATION/Introduction, ASSAY/Procedure,
IMPURITIES/Organic Impurities/Procedure 1,
IMPURITIES/Organic Impurities/Procedure 2, SPECIFIC
TESTS, SPECIFIC TESTS/ pH <791>, SPECIFIC
TESTS/Alcohol Determination (if present), Method II <611>,
SPECIFIC TESTS/ Deliverable Volume <698>,
ADDITIONAL REQUIREMENTS/Packaging and Storage,
ADDITIONAL REQUIREMENTS/ USP Reference Standards
<11>

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PROMETHAZINE
HYDROCHLORIDE AND
CODEINE PHOSPHATE ORAL
SOLUTION PF 35(2) Pg. 292

Title, DEFINITION/Introduction,
IDENTIFICATION/Introduction, ASSAY/Procedure,
IMPURITIES/Organic Impurities/Procedure 1,
IMPURITIES/Organic Impurities/Procedure 2, SPECIFIC
TESTS, SPECIFIC TESTS/ pH <791>, SPECIFIC
TESTS/Alcohol Determination (if present), Method II <611>,
SPECIFIC TESTS/ Deliverable Volume <698>,
ADDITIONAL REQUIREMENTS/Packaging and Storage,
ADDITIONAL REQUIREMENTS/USP Reference Standards
<11>

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PROMETHAZINE
HYDROCHLORIDE AND
DXTROMETHORPHAN
HYDROBROMIDE ORAL
SOLUTION PF 35(2) Pg. 295

Title, DEFINITION/Introduction,
IDENTIFICATION/Introduction, ASSAY/Procedure,
PERFORMANCE TESTS/Dissolution <711>,
PERFORMANCE TESTS/Uniformity of Dosage Units <905>,
IMPURITIES/Organic Impurities/Procedure, ADDITIONAL
REQUIREMENTS/Packaging and Storage, ADDITIONAL
REQUIREMENTS/USP Reference Standards <11>

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RIBAVIRIN CAPSULES PF
35(3) Pg. 576

<p>ROPINIROLE HYDROCHLORIDE PF 36(1) Pg. 133</p>	<p>IMPURITIES/Organic Impurities /Procedure 1, IMPURITIES/Organic Impurities /Procedure 2, ADDITIONAL REQUIREMENTS/Labeling</p>	<p>Ravi Ravichandran</p>
<p>SCAFFOLD PORCINE DERMIS PF 36(5) Pg. 1209</p>	<p>Title, DEFINITION/Introduction, SPECIFIC TESTS/Histological Evaluation, SPECIFIC TESTS/Biochemical Analysis, SPECIFIC TESTS/Thermal Analysis, SPECIFIC TESTS/Biomechanical Analysis, SPECIFIC TESTS/Sterility Tests <71>, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Authentic Visual References <11></p>	<p>Fouad Atouf</p>
<p>SCAFFOLD PORCINE DERMIS CROSS-LINKED PF 36(5) Pg. 1212</p>	<p>Title, DEFINITION/Introduction, SPECIFIC TESTS/Histological Evaluation, SPECIFIC TESTS/Moisture Content, SPECIFIC TESTS/Collagen Content, SPECIFIC TESTS/Fat Content, SPECIFIC TESTS/Tensile Strength, SPECIFIC TESTS/Visual Inspection, SPECIFIC TESTS/Sterility Tests <71>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/USP Visual Reference Standards <11></p>	<p>Fouad Atouf</p>
<p>SCAFFOLD HUMAN PERIPHERAL NERVE PF 36(5) Pg. 1205</p>	<p>Title, DEFINITION/Introduction, SPECIFIC TESTS/Histological Evaluation, SPECIFIC TESTS/ChABCCase Residual Testing, SPECIFIC TESTS/Visual, SPECIFIC TESTS/Safety, SPECIFIC TESTS/Suture Pullout, SPECIFIC TESTS/Sterility Tests <71>, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/Packaging, Sterilization, and Storage, ADDITIONAL REQUIREMENTS/USP Authentic Visual References <11></p>	<p>Fouad Atouf</p>
<p>SENNOSIDES PF 35(2) Pg. 309</p>	<p>SPECIFIC TESTS/Content of Sennosides A and B, ADDITIONAL REQUIREMENTS/USP Reference Standards <11></p>	<p>Maged Sharaf</p>
<p>SERTRALINE HYDROCHLORIDE PF 34(5) Pg. 1189</p>	<p>Related compounds</p>	<p>Ravi Ravichandran</p>
<p>HYDROGENATED STARCH HYDROLYSATE PF 35(1) Pg. 136</p>	<p>Title, Chemical Info, Definition, Packaging and storage, Labeling, USP Reference standards <11>, Identification, Microbial limits <61>, pH <791>, Water, Method I <921>, Residue on ignition <281>, Reducing sugars, Limit of chloride, Limit of sulfate <221>, Limit of nickel, Content of maltitol and sorbitol, Hydrogenated polysaccharides</p>	<p>Hong Wang</p>
<p>SUMATRIPTAN TABLETS PF 35(4) Pg. 871</p>	<p>IMPURITIES/Organic Impurities/Procedure</p>	<p>Ravi Ravichandran</p>
	<p>Title, Chemical Info/Chemical Structure, Chemical Info/C44H69NO12&middot;H2O, Chemical Info/822.03, Chemical Info/15,19-Epoxy-3H-pyrido[2,1- c][1,4]oxaazacyclotricosine-1,7,20,21 (4H,23H)-</p>	

tetrone-5,6,8,11,12,13,14,15, 16,17,18,19,24,25,26,26a-hexadecahydro-5,19-dihydroxy-3-[2-(4-hydroxy-3-methoxycyclohexyl)-1-methylethenyl]-14,16-dimethoxy-4,10,12,18-tetramethyl-8-(2-propenyl)-, monohydrate, [3S-[3R*,E(1S*,3S*,4S*)],4S*,5R*,8S*,9E,12R*,14R*,15S*,16R*,18S*,19S*,26aR*]]-, Chemical Info/(−)-(3S,4R,5S,8R,9E,12S,14S,15R,16S,18R,19R,26aS)-8-Allyl-5,6,8,11,12,13,14,15,16,17,18,19,24,25,26,26a-hexadecahydro-5,19-dihydroxy-3-[(E)-2-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylvinyl]-14,16-dimethoxy-4,10,12,18-tetramethyl-15,19-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-tetrone, monohydrate, Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197M>, IDENTIFICATION/B., IDENTIFICATION/C., ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Residue on Ignition <281>, IMPURITIES/Inorganic Impurities/Heavy Metals, Method II <231>, IMPURITIES/Organic Impurities/Procedure, SPECIFIC TESTS/Optical Rotation, Specific Rotation <781S>, SPECIFIC TESTS/Water Determination, Method I <921>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>

TACROLIMUS PF 35(2) Pg. 310

[Ahalya Wise](#)

Title, DEFINITION/Introduction, IDENTIFICATION/A. Procedure, IDENTIFICATION/B., ASSAY/Procedure, PERFORMANCE TESTS/Uniformity of Dosage Units <905>, IMPURITIES/Organic Impurities/Procedure, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>

TACROLIMUS CAPSULES PF 35(2) Pg. 312

[Ahalya Wise](#)

DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197F>, IDENTIFICATION/B., ASSAY/Procedure, PERFORMANCE TESTS, PERFORMANCE TESTS/Dissolution <711>, PERFORMANCE TESTS/Uniformity of Dosage Units <905>, IMPURITIES/Organic Impurities/Procedure, SPECIFIC TESTS/Limit of Sulfamate and Sulfate, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Topiramate RS, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>/USP Topiramate Related Compound A RS 2,3:4,5-bis-O-(1-methylethylidene)-d-fructopyranose(C₁₂H₂₀O₆260.28)

TOPIRAMATE CAPSULES PF 36(4) Pg. 930

[Ravi Ravichandran](#)

{Emollient} Butyl Stearate, {Emulsifying and/or Solubilizing Agent} Polyglyceryl Dioleate, {Flavors and Perfumes} Diethyl Sebacate, {Humectant} Hydrogenated Starch Hydrolysate, {Sweetening Agent} Hydrogenated Starch Hydrolysate, {Tablet Binder} Hydrogenated Starch Hydrolysate, {Tablet

USP AND NF EXCIPIENTS,

LISTED BY CATEGORY PF
35(6) Pg. 1488

and/or Capsule Diluent} Hydrogenated Starch Hydrolysate,
{Complexing Agent} Betadex Sulfobutyl Ether Sodium,
{Sequestering Agent} Betadex Sulfobutyl Ether Sodium,
{Wetting and/or Solubilizing Agent} Betadex Sulfobutyl Ether
Sodium

[Robert Lafaver](#)

VALGANCICLOVIR
HYDROCHLORIDE PF 36(4)
Pg. 935

IMPURITIES/Organic Impurities/Procedure 3, SPECIFIC
TESTS/Enantiomeric Purity of Valganciclovir

[Leonel Santos](#)