

First Supplement to the USP 33-NF 28 Reissue

Published January 2010

[General Chapters](#)

Monographs:

ARTICAINE HYDROCHLORIDE PF 35(3) Pg. 544	Title, Chemical Info/Chemical Structure, Chemical Info/C13H20N2O3S·HCl, Chemical Info/320.84, Chemical Info/2-Thiophenecarboxylic acid, 4- methyl-3-[[1-oxo-2- (propylamino)propyl]amino]-, methyl ester, monohydrochloride;, Chemical Info/Methyl 4-methyl-3-[2- (propylamino)propionamido]-2- thiophenecarboxylate, monohydrochloride, Chemical Info/CAS, DEFINITION/Introduction, IDENTIFICATION/A. Infrared Absorption <197>, IDENTIFICATION/B. Identification Tests-General, Chloride <191>, ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Heavy Metals, Method I <231>, IMPURITIES/Inorganic Impurities/Residue on Ignition <281>, IMPURITIES/Organic Impurities/Procedure, SPECIFIC TESTS/ Loss on Drying <731>, SPECIFIC TESTS/ pH <791>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>	Domenick Vicchio
ATENOLOL PF 35(3) Pg. 545	IDENTIFICATION/B. Ultraviolet Absorption <197U>	Sujatha Ramakrishna
ATORVASTATIN	Title, Chemical Info/Chemical	Elena Gonikberg

CALCIUM PF 35(1) Structure, Chemical
Pg. 66 Info/C66H68CaF2
N4O10middot3H2O, Chemical
Info/Molecular Weight 1209.42,
Chemical Info/1H-Pyrrole-1-
heptanoic acid, 2-(4-fluorophenyl)-
beta,delta-dihydroxy-5-(1-
methylethyl)-3-phenyl-4-
[(phenylamino)carbonyl]-, calcium
salt (2:1), trihydrate [R-(R*,R*)]-.,
Chemical Info/Calcium
(betaR,deltaR)-2-(p-fluorophenyl)-
beta,delta-dihydroxy-5-isopropyl-3-
phenyl-4-(phenylcarbamoyle)pyrrole-
1-heptanoate (1:2), trihydrate,
Chemical Info/Anhydrous, Chemical
Info/Molecular Weight 1155.34,
DEFINITION/Introduction,
IDENTIFICATION/A. Infrared
Absorption 197K,
IDENTIFICATION/B. Calcium,
ASSAY/PROCEDURE,
IMPURITIES/Inorganic
Impurities/Heavy Metals:.,
IMPURITIES/ORGANIC
IMPURITIES/Buffer, Solution A,
Solution B, Diluent, Mobile phase,
System suitability solution and
Chromatographic system:.,
IMPURITIES/ORGANIC
IMPURITIES/Standard solution:.,
IMPURITIES/ORGANIC
IMPURITIES/Sample solution:.,
IMPURITIES/ORGANIC
IMPURITIES/Analysis,
IMPURITIES/ORGANIC
IMPURITIES/Acceptance criteria,
SPECIFIC TESTS/Enantiomeric
purity:., SPECIFIC TESTS/WATER
DETERMINATION, Method Ia921:.,
ADDITIONAL
REQUIREMENTS/PACKAGING
AND STORAGE:., ADDITIONAL
REQUIREMENTS/USP Reference
Standards 11

T-BUTYLTHIOL
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t-Butylthiol

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CARMUSTINE PF
35(3) Pg. 546

Title, Chemical Info/Chemical
Structure, Chemical
Info/C5H9Cl2N3O2, Chemical
Info/214.05, Chemical Info/Urea,
N,N'-bis(2-chloroethyl)-N-nitroso-;.,

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Chemical Info/1,3-Bis(2-chloroethyl)-1-nitrosourea, Chemical Info/CAS, DEFINITION/Introduction, DEFINITION/Paragraph Text, IDENTIFICATION/A. Infrared Absorption <197F>, IDENTIFICATION/B., ASSAY/Procedure, IMPURITIES/Inorganic Impurities/Heavy Metals, Method II <231>, IMPURITIES/Organic Impurities/Procedure 1: Limit of Ether Insoluble Substances, IMPURITIES/Organic Impurities/Procedure 2: Limit of Carmustine Related Compound A, IMPURITIES/Organic Impurities/Procedure 3: Limit of 2-Chloroethylamine, IMPURITIES/Organic Impurities/Procedure 4: Limit of 2-Chloroethanol, IMPURITIES/Organic Impurities/Procedure 5: Limit of Acetaldehyde, SPECIFIC TESTS/Water Determination, Method I <921>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/USP Reference Standards <11>

CARMUSTINE
FOR INJECTION
PF 35(3) Pg. 548

Title, DEFINITION/Introduction, DEFINITION/Paragraph Text, IDENTIFICATION/A. Infrared Absorption <197F>, IDENTIFICATION/B., ASSAY/Procedure, PERFORMANCE TESTS/Uniformity of Dosage Units <905>, IMPURITIES/Organic Impurities/Procedure: Limit of Carmustine Related Compound A, SPECIFIC TESTS, SPECIFIC TESTS/Bacterial Endotoxins Test <85>, SPECIFIC TESTS/Sterility Tests <71>, SPECIFIC TESTS/pH <791>, SPECIFIC TESTS/Water Determination, Method I <921>, ADDITIONAL REQUIREMENTS/Packaging and Storage, ADDITIONAL REQUIREMENTS/Labeling,

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ADDITIONAL
REQUIREMENTS/Constituted
Solution, ADDITIONAL
REQUIREMENTS/USP Reference
Standards <11>

Cobalt Nitrate PF
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Cobalt Nitrate

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Monographs: