

# ERRATA

Following is a list of errata and corrections to *USP–NF*. The page number indicates where the item is found and in which official or pending official publication of *USP–NF*. As necessary, this list will be updated with the posting of errata reports on [www.usp.org/USPNF/newOfficialText](http://www.usp.org/USPNF/newOfficialText). This information will also be available as a cumulative table in future *Supplements*, and will appear in its corrected form in a future annual edition of *USP–NF*. An erratum consists of content erroneously published that does not accurately reflect the intended official or effective requirements as approved by the Council of Experts. USP staff is available to respond to questions regarding the accuracy of a particular requirement by calling 1-800-822-USPC.

Page Number	Title	Section	Description
<i>USP32–NF27</i>			
40	<i>USP Reference Standards</i> (11)	USP Open Ring Aztreonam RS	Change: “ $C_{18}H_{19}N_5O_9S_2$ 453.46” to: $C_{13}H_{19}N_5O_9S_2$ 453.45
1772	<i>Dibasic Calcium Phosphate Tablets</i>	Assay	Line 10: Change “Proceed as directed in the Assay under <i>Dibasic Calcium Phosphate</i> , beginning with “With constant stirring”. to: With constant stirring, add, in the order named, 0.5 mL of triethanolamine, 300 mg of hydroxy naphthol blue, and, from a 50-mL buret, about 23 mL of 0.05 M edetate disodium VS. Add sodium hydroxide solution (45 in 100) until the initial red color changes to clear blue. Continue to add it dropwise until the color changes to violet, and add an additional 0.5 mL. The pH is 12.3–12.5. Continue the titration dropwise with the 0.05 M edetate disodium VS persists to the appearance of a clear blue endpoint that persists for NLT 60 s.
2034	<i>Cupric Sulfate</i>	<i>Limit of sodium</i>	Delete second <i>Limit test</i> table.
1030	<i>Glucosamine Tablets</i>	Assay	Line 2: Change “ <i>Phosphate buffer, Mobile phase, Standard preparation, and Chromatographic system</i> —Proceed as directed in the Assay under <i>Glucosamine Hydrochloride</i> . <i>Assay preparation</i> —Weigh and finely powder not fewer than 20 Tablets. Transfer an accurately weighed portion of the finely powdered material, equivalent to about 80 mg of glucosamine, to a 100-mL volumetric flask, add 60 mL of water, and sonicate for 10 minutes. Shake by mechanical means for 15 minutes. Dilute with water to volume, and mix.” to: <i>Diluent, Phosphate buffer, Mobile phase, Standard preparation, and Chromatographic system</i> —Proceed as directed in the Assay under <i>Glucosamine Hydrochloride</i> . <i>Assay preparation</i> —Weigh and finely powder not fewer than 20 Tablets. Transfer an accurately weighed portion of the finely powdered material, equivalent to about 312 mg of glucosamine, to a 100-mL volumetric flask, add 60 mL of <i>Diluent</i> , and sonicate for 10 minutes. Shake by mechanical means for 15 minutes. Dilute with <i>Diluent</i> to volume, and mix.
1280	<i>Methyl Alcohol</i>	Assay	Line 2 under <i>Standard preparation</i> : Change “accurately measured” to: accurately weighed Line 1 under <i>Assay preparation</i> : Change “accurately measured” to: accurately weighed
3330	<i>Potassium Acetate</i>	<i>Limit of Sodium</i>	Line 13 under <i>Procedure</i> : Change “CD/10,000W” to: CD/(10,000W)

Page Number	Title	Section	Description
<b>First Supplement to USP32–NF27</b>			
4028	Albuterol Sulfate	Assay	Line 4 under <i>Chromatographic system</i> : Change “Standard preparation” to: <i>Resolution solution</i>
4017	Glucosamine Sulfate Potassium Chloride	Assay	Line 5 under <i>Procedure</i> : Change “(605.52/431.26)(10,000C/W)(r <sub>u</sub> /r <sub>s</sub> )” to: (605.52/431.26)(5000C/W)(r <sub>u</sub> /r <sub>s</sub> )
4017	Glucosamine Sulfate Sodium Chloride	Assay	Line 5 under <i>Procedure</i> : Change “10,000(573.31/431.26)(C/W)(r <sub>u</sub> /r <sub>s</sub> )” to: 5000(573.31/431.26)(C/W)(r <sub>u</sub> /r <sub>s</sub> )
<b>USP33–NF28 Reissue</b>			
R-456	Amlodipine Besylate Tablets	IMPURITIES Organic Impurities	Line 18 under <i>Analysis</i> : Change “impurity” to: unspecified degradation product Line 25 under <i>Analysis</i> : Change “USP Amlodipine Besylate RS” to: Amlodipine
<b>First Supplement to USP33–NF28 Reissue</b>			
R-925	Levalbuterol Hydrochloride	Assay	Line 1 under <i>Solution A</i> : Change “1 mg/mL” to: 1 in 1000 solution
R-927	Levetiracetam	Assay	Line 2 under <i>Procedure</i> : Change “ <i>Buffer</i> : 0.26 g/L of monobasic potassium phosphate in water. Adjust with 2% aqueous potassium hydroxide (w/v) to a pH of 5.5.” to: <i>Buffer</i> : 2.7 g/L of monobasic potassium phosphate in water. Adjust with 2% aqueous potassium hydroxide (w/v) to a pH of 5.5.
R-861	Sorbitol Sorbitan Solution	Assay	Line 3 under <i>Procedure</i> : Change “ <i>System suitability solution</i> : 10 mg/mL of sorbitol, 4 mg/mL of 1,4-sorbitan, 4 mg/mL of isosorbide, and 1 mg/mL of mannitol <i>Standard solution</i> : 10 mg/mL of USP Sorbitol RS and 4 mg/mL of USP 1,4-Sorbitan RS” to: <i>System suitability solution</i> : 10 mg/g of sorbitol, 4 mg/g of 1,4-sorbitan, 4 mg/g of isosorbide, and 1 mg/g of mannitol in water <i>Standard solution</i> : 10 mg/g of USP Sorbitol RS and 4 mg/g of USP 1,4-Sorbitan RS in water Lines 12 and 14 under <i>Analysis</i> : Change “mg/mL” to: mg/g

Page Number	Title	Section	Description
R-994	<i>Valacyclovir Hydrochloride</i>	IMPURITIES Organic Impurities Impurity Table 2	Line 1 under footnote <sup>b</sup> : Change <sup>b</sup> 2-Amino-1,9-dihydro-6 <i>H</i> -purin-6-one (guanine). <sup>c</sup> 2-Amino-9-[(2-hydroxyethoxy)methyl]-1,9-dihydro-6 <i>H</i> -purin-6-one (acyclovir). <sup>d</sup> 2-[(2-Amino-6-oxo-1,6-dihydro-9 <i>H</i> -purin-9-yl)methoxy]ethyl L-alaninate. and <sup>h</sup> 2-[[2-Amino-6-oxo-1,6-dihydro-9 <i>H</i> -purin-9-yl)methoxy]ethyl isoleucinate. <sup>i</sup> 2-[(2-Amino-6-oxo-1,6-dihydro-9 <i>H</i> -purin-9-yl)methoxy]ethyl <i>N</i> -formyl-L-valinate. <sup>j</sup> 2-[[6-Oxo-2-[[[(6-oxo-6,9-dihydro-1 <i>H</i> -purin-2-yl)amino]methyl]amino]-1,6-dihydro-9 <i>H</i> -purin-9-yl]methoxy]ethyl L-valinate. <sup>k</sup> 2,2'-[Methylenebis[imino(6-oxo-1,6-dihydro-9 <i>H</i> -purine-9,2-diy)]methylene-oxy]]diethyl di(L-valinate)." to: <sup>b</sup> 2-Amino-1 <i>H</i> -purin-6(9 <i>H</i> )-one (guanine). <sup>c</sup> 9-[(2-Hydroxyethoxy)methyl]guanine (acyclovir). <sup>d</sup> 9-[(2-Hydroxyethoxy)methyl]guanine L-alaninate. and <sup>h</sup> 9-[(2-Hydroxyethoxy)methyl]guanine L-isoleucinate. <sup>i</sup> 9-[(2-Hydroxyethoxy)methyl]guanine <i>N</i> -formyl-L-valinate. <sup>j</sup> [N <sup>2</sup> -(Guanine-N <sup>2</sup> -yl)methyl]-9-[(2-hydroxyethoxy)methyl]guanine L-valinate. <sup>k</sup> 2,2'-[Methylenebis[imino(6-oxo-1,6-dihydro-9 <i>H</i> -purine-9,2-diy)]methylene-oxy]]diethyl di(L-valinate).
		IMPURITIES Organic Impurities Impurity Table 3	Line 1 under footnote <sup>a</sup> : Change <sup>a</sup> 2-Amino-1,9-dihydro-6 <i>H</i> -purin-6-one (guanine). <sup>b</sup> 2-Amino-9-[(2-hydroxyethoxy)methyl]-1,9-dihydro-6 <i>H</i> -purin-6-one (acyclovir)." to: <sup>a</sup> 2-Amino-1 <i>H</i> -purin-6(9 <i>H</i> )-one (guanine). <sup>b</sup> 9-[(2-Hydroxyethoxy)methyl]guanine (acyclovir).
I-23, I-26, I-52	<i>Index</i>		In the <i>Index</i> under <i>General Chapters</i> : Change “(467) <i>Residual Solvents</i> , 163” to: (467) <i>Residual Solvents</i> , 163, R-622
			In the <i>Index</i> under <i>General Chapters</i> : Change “ <i>Residual Solvents</i> (467), 163” to: <i>Residual Solvents</i> (467), 163, R-622
			In the <i>Index</i> under <i>R</i> : Change “ <i>Residual Solvents</i> (467), 163” to: <i>Residual Solvents</i> (467), 163, R-622
<b>Second Supplement to USP33–NF28 Reissue</b>			
R-1074	(670) <i>Containers–Auxiliary Components</i>	<i>Polyester Pharmaceutical Coil</i>	Line 3 under <i>Identification</i> test A: Change “400 cm <sup>-1</sup> (2.5 to 25 μm)” to: 650 cm <sup>-1</sup> (2.5 to 15 μm)
			Line 2 under <i>Loss on Drying</i> (731): Change “NMT 0.5%” to: NMT 1.0%
R-1485	<i>Vancomycin Hydrochloride</i>	IMPURITIES Organic Impurities Procedure: Limit of Monodechlorovancomycin	Line 1 under <i>Mobile phase</i> : Change “Dissolve 2.2 g of 1-heptanesulfonic acid” to: Dissolve 2.2 g of 1-heptanesulfonic acid sodium salt

Page Number	Title	Section	Description
I-24, I-27, and I-54	Index		In the <i>Index</i> under <i>General Chapters</i> : Change “(467) Residual Solvents, 163” to: (467) Residual Solvents, 163, R-622
			In the <i>Index</i> under <i>General Chapters</i> : Change “Residual Solvents (467), 163” to: Residual Solvents (467), 163, R-622
			In the <i>Index</i> under <i>R</i> : Change “Residual Solvents (467), 163” to: Residual Solvents (467), 163, R-622
<b>USP34–NF29</b>			
1976	Aztreonam Injection	USP Reference standards (11)	Line 2 under <i>USP Open Ring Aztreonam RS</i> : Change “C <sub>18</sub> H <sub>19</sub> N <sub>5</sub> O <sub>9</sub> S <sub>2</sub> 453.46” to: C <sub>13</sub> H <sub>19</sub> N <sub>5</sub> O <sub>9</sub> S <sub>2</sub> 453.45
1976	Aztreonam for Injection	USP Reference standards (11)	Line 2 under <i>USP Open Ring Aztreonam RS</i> : Change “C <sub>18</sub> H <sub>19</sub> N <sub>5</sub> O <sub>9</sub> S <sub>2</sub> 453.46” to: C <sub>13</sub> H <sub>19</sub> N <sub>5</sub> O <sub>9</sub> S <sub>2</sub> 453.45
2093	Bupropion Hydrochloride Extended-Release Tablets	USP Reference standards (11)	Line 2 under <i>USP Bupropion Hydrochloride Related Compound F RS</i> : Change “1-(3-Chlorophenyl)-1-hydroxy-2-propanone. C <sub>9</sub> H <sub>9</sub> O <sub>2</sub> 184.62” to: 1-(3-Chlorophenyl)-1-hydroxy-2-propanone. C <sub>9</sub> H <sub>9</sub> O <sub>2</sub> Cl 184.62
2150	Capreomycin for Injection	SPECIFIC TESTS Capreomycin 1 Content	Line 6 under <i>Analysis</i> : Change “Calculate the percentage of capreomycin 1 in the capreomycin sulfate taken:” to: Calculate the percentage of capreomycin 1 in the portion of Capreomycin for Injection taken:
2746	Estradiol Vaginal Inserts	Identification test A, Thin-Layer Identification Test (201)	Line 2: Change “[NOTE—When a concentration range is given...]” to: [NOTE—When two different concentrations are given...]
		Assay	Line 1 under <i>Procedure</i> : Change “[NOTE—When a concentration range is given... ]” to: [NOTE—When two different concentrations are given...]
2896	Fluticasone Propionate	USP Reference standards (11)	Line 1 under <i>USP Fluticasone Propionate RS</i> : Change all instances of “B” in the chemical name to: β
			Line 1 under <i>USP Fluticasone Propionate System Suitability Mixture RS</i> : Change all instances of “B” in the chemical names for <i>Fluticasone propionate related compound A, B, C, D, and E</i> to: β
3325	Lithium Carbonate Tablets	PERFORMANCE TESTS Dissolution (711)	Line 3 under <i>Analysis</i> : Change “Determine the amount of Li <sub>2</sub> CO <sub>3</sub> dissolved:” to: Determine the percentage of Li <sub>2</sub> CO <sub>3</sub> dissolved:
3727	Ondansetron Tablets	Identification test A, Infrared Absorption (197K)	Line 4 under <i>Sample</i> : Change “45-μm pore size” to: 0.45-μm pore size
4002	Prednisolone Sodium Phosphate	Related compounds	Line 2 under <i>Standard solution</i> : Change “prednisolone sodium phosphate” to: USP Prednisolone Sodium Phosphate RS
			Line 2 under <i>Test solution</i> : Change “prednisolone sodium phosphate” to: Prednisolone Sodium Phosphate

Page Number	Title	Section	Description
4219	<i>Sertraline Tablets</i>	IMPURITIES Organic Impurities	Line 10 under <i>Analysis</i> : Change “ <i>C<sub>s</sub></i> = concentration of USP Sertraline RS in the <i>Standard solution</i> (mg/mL)” to: <i>C<sub>s</sub></i> = concentration of USP Sertraline Hydrochloride RS in the <i>Standard solution</i> (mg/mL)
4246	<i>Sodium Fluoride Gel</i>	<i>Identification</i>	Line 1 under <i>Sample solution</i> : Change “ <i>Sample solution</i> : Amount of Gel, equivalent to 500 mg of fluoride ion” to: <i>Sample</i> : Amount of Gel, equivalent to 500 mg of fluoride ion
			Line 1 under <i>Analysis</i> : Change “ <i>Sample solution</i> ” to: <i>Sample</i>
<b>First Supplement to USP34–NF29</b>			
5047	<i>Tetracycline Hydrochloride Capsules</i>	Assay	Line 1 under <i>System suitability solution</i> : Change “ <i>System suitability solution</i> : 100 µg/mL of tetracycline hydrochloride and 25 µg/mL of USP 4-Epianhydrotetracycline Hydrochloride RS” to: <i>System suitability solution</i> : 100 µg/mL of tetracycline hydrochloride and 25 µg/mL of USP 4-Epianhydrotetracycline Hydrochloride RS in <i>Diluent</i>
			Line 8 under <i>Chromatographic system</i> : Add “Injection volume: 20 µL”
<b>Revision Bulletin, October 1, 2010</b>			
1	<i>Nifedipine Extended-Release Tablets</i>	<i>Dissolution</i> <711>, Test 6	Table 8 is missing.