



September 2009

[▶ Email Notice](#)

Table of Contents

Reference Standards Highlights

- [New Reference Standards Now Available](#)
- [Previously Out-of-Stock Items Now Available](#)
- [Backorder Availability Estimates, August 31, 2009](#)
- [Items with New Package Size or Description](#)
- [RS Lots That Are No Longer Valid](#)
- [Items with New Lots](#)

USP Publication Highlights

- [USP 33–NF 28: New Monograph Format and Updates for 2010—Subscribe Today!](#)
- [New USP–NF Archive Library](#)
- [Reserve Your Copy of the New Chromatographic Columns](#)
- [Now Available—New USP Dietary Supplements Compendium. Save \\$50 through September 30!](#)
- [2010 Publications Renewal](#)

Event Highlights

- [USP Annual Scientific Meeting](#)

Pharmacopeial Education

- [Online Catalog](#)
- [Featured Courses](#)
- [Subscribe to the Pharmacopeial Education Email Bulletin](#)

Compendial Highlights

- [Call for Candidates](#)
- [New Official Text](#)
- [Compendial Notices](#)
- [Stimuli Articles](#)

Tip of the Month

Question of the Month

Click on links to go to sections.

For all the latest information, visit www.usp.org

USP Catalogs ▶ [USP Publications Catalog](#) ▶ [USP Online Catalog](#) ▶ [USP Pharmacopeial Education Catalog](#)

Reference Standards Highlights

Below are several tables with the latest Reference Standard information including out-of-stock items now available; new Reference Standards released in August 2009; backordered items with estimated availability dates; items that have been discontinued/have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.

Please contact your USP Customer Service Representative to place an order at +1-301-881-0666 or 1-800-227-8772. European customers can call 00-800-4875-5555. You can also order online at www.usp.org/products.

[Table of Contents](#)



New Reference Standards Now Available

Catalog #	Description	Size	Lot	Price (USD)
1042907	Articaine	40 mg	F0I197	\$194
1042929	Articaine Related Compound A	40 mg	F0I199	\$605
1042962	Articaine Related Compound E	40 mg	F0I200	\$605
1044516	Atorvastatin Calcium	100 mg	F0I169	\$194
1044538	Atorvastatin Related Compound B	20 mg	F0I172	\$605
1097590	Cefditoren Pivoxil	350 mg	F0I164	\$194
1272929	Fludeoxyglucose Related Compound B	10 mg	F0H343	\$605
1485238	Oxycodone Related Compound C CII	15 mg	F0I167	\$696
1535733	Phosphatidylcholine	350 mg	F0H230	\$194
1535744	Phosphatidylethanolamine	100 mg	F0H237	\$330
1604337	Riluzole	200 mg	F0I206	\$230
1609603	Salmeterol Xinafoate	150 mg	F0I185	\$550
1700512	Tryptophan Related Compound A	15 mg	F0I189	\$605

Previously Out-of-Stock Items Now Available

Catalog #	Description	Size	Lot	Price (USD)
1076352	Bretylium Tosylate	200 mg	G0I231	\$194
1103105	Cetyl Palmitate	50 mg	G0H314	\$194
1269390	Felodipine Related Compound A	15 mg	G0I105	\$605
1485205	Oxycodone Hydrochloride CII*	1 g	H0I159	\$257
1499414	Paricalcitol Solution	3 mL	H0I227	\$372
1584003	Pyrantel Pamoate	500 mg	J0I208	\$194

*Item was previously discontinued

Backorder Availability Estimates, August 31, 2009

Catalog #	Description	Expected Availability*
1135000	Clidinium Bromide (2 g)	Q4/09
1379254	Melengestrol Acetate (125 mg)	Q2/10
1510007	Pepsin (5 g)	Q1/10
1561507	Primaquine Phosphate (200 mg)	Q4/09

*Dates are targets and may change at any time. Q3/09=July–September 2009; Q4/09=October–December 2009; Q1/10=January–March 2010; Q2/10=April–June 2010

Items with New Package Size or New Description

Catalog #	Description	Old Size	New Size	Lot	Price (USD)
1269390	Felodipine Related Compound A	25 mg	15 mg	G0I105	\$605
1584003	Pyrantel Pamoate	1 g	500 mg	J0I208	\$194



RS Lots That are No Longer Valid

These Tables lists previous RS lots that are (or will soon be) no longer valid for official use. If you still have any of these materials on hand, do not use them for compendial testing purposes after the last day of the month for the valid use dates listed. To test products, always be sure you use a current, valid lot of USP RS. Current lot numbers and valid use dates for previous lots are available in the USP Store online [here](#) using the Reference Standards: Alphabetical Listings to look up the item of interest.

No Longer Valid as of August 31, 2009					
Catalog #	Description	Previous Lot/ Valid Use Date		Current Lot	Price (USD)
1012780	Alendronate Sodium (200 mg)	G0D288	(08/09)	H0H004	\$194
1045009	Atropine Sulfate (500 mg)	M0B098	(08/09)	N0H159	\$194
1048619	Benazepril Hydrochloride (125 mg)	G0E079	(08/09)	G1G280	\$194
1176007	Dexamethasone (125 mg)	J	(08/09)	K0H243	\$154
1224008	Disulfiram (200 mg)	F-3	(08/09)	G0H277	\$194
1271700	Fluconazole (200 mg)	G0F102	(08/09)	H0H087	\$194
1271722	Fluconazole Related Compound B (10 mg)	G0F218	(08/09)	H0H123	\$605
1271733	Fluconazole Related Compound C (10 mg)	G0F202	(08/09)	H0H124	\$605
1285931	Fluvastatin Sodium (350 mg)	F0F015	(08/09)	G0G313	\$258
1381006	Menadione (200 mg) (Vitamin K3)	H-3	(08/09)	I0H273	\$194
1544508	Piroxicam (200 mg)	H1D038	(08/09)	H2H258	\$194
1598700	Ranitidine Related Compound C (50 mg)	I1B136	(08/09)	I2G232	\$605
1706701	Urea C 13 (150 mg)	H0E110	(08/09)	I0H205	\$227
1708707	Valproic Acid (500 mg)	L0E030	(08/09)	M0G249	\$194
1708795	Valsartan Related Compound C (10 mg)	G1G244	(08/09)	H0I005	\$775

No Longer Valid as of September 30, 2009					
Catalog #	Description	Previous Lot/ Valid Use Date		Current Lot	Price (USD)
1056504	1,4-Benzoquinone (200 mg)	H0G261	(09/09)	H1G332	\$194
1078008	Brompheniramine Maleate (125 mg)	I1A036	(09/09)	J0H148	\$154
1096699	Carprofen (200 mg)	F1G039	(09/09)	G0H183	\$194
1126009	Chlorpropamide (200 mg)	H	(09/09)	I0H184	\$194
1134324	Ciprofloxacin Ethylenediamine Analog (25 mg)	J0A030	(09/09)	K0H239	\$605
1146006	Colchicine (350 mg)	K0F231	(09/09)	L0H214	\$194
1197007	Diethyltoluamide (3 g)	H1D076	(09/09)	I0H013	\$194
1374907	Maltitol (200 mg)	G	(09/09)	G1H293	\$194
1396309	Metformin Hydrochloride (200 mg)	H0E136	(09/09)	I0H236	\$227
1430000	Methylethergonovine Maleate (50 mg) (List Chemical)	J	(09/09)	K0H114	\$194
1441301	Metoprolol Tartrate (200 mg)	H1B059	(09/09)	I0G301	\$194
1470004	Norethindrone Acetate (100 mg)	K0F227	(09/09)	L0G410	\$194
1500400	Parthenolide (25 mg)	F	(09/09)	G0F255	\$194
1524001	Phenobarbital CIV (200 mg)	J	(09/09)	K0H134	\$257
1547007	Polymyxin B Sulfate (200 mg)	K	(09/09)	L0H010	\$194
1550001	Potassium Gluconate (200 mg)	H0C064	(09/09)	I0H226	\$194
1576005	Propranolol Hydrochloride (200 mg)	I0C170	(09/09)	I1G348	\$194
1613804	Sodium Chloride (1 g) (AS)	F0D269	(09/09)	G0H275	\$194
1623003	Streptomycin Sulfate (200 mg)	J0B195	(09/09)	J1H337	\$194
1687006	Trihexyphenidyl Hydrochloride (200 mg)	J	(09/09)	J1G359	\$194
1708762	Valsartan (350 mg)	H0G139	(09/09)	J0I020	\$194

[Table of Contents](#)




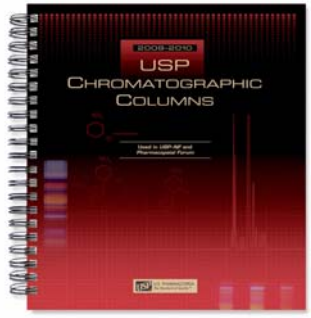
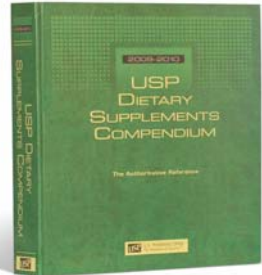
No Longer Valid as of October 31, 2009				
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1012065	Acyclovir (300 mg)	J0C149 (10/09)	J1G366	\$245
1071009	Bethanechol Chloride (200 mg)	H0E304 (10/09)	I0H206	\$194
1223005	2,4-Disulfamyl-5-trifluoromethylaniline (30 mg)	G (10/09)	H0H040	\$605
1268728	Etodolac Related Compound A (25 mg)	F-1 (10/09)	F2G334	\$605
1270446	Fexofenadine Related Compound C (15 mg) (AS)	F0E291 (10/09)	G0I059	\$605
1279000	Fluorouracil (250 mg)	H2D190 (10/09)	I0G371	\$194
1292314	Glimepiride Related Compound A (20 mg)	F0E232 (10/09)	F1H269	\$605
1337809	Imipenem Monohydrate (100 mg)	H0E040 (10/09)	I0H217	\$194
1370349	Lorazepam Related Compound C (25 mg)	H (10/09)	I0H232	\$605
1374500	Maleic Acid (300 mg)	G (10/09)	H0H121	\$605
1426002	Methyldopa (500 mg)	I1E059 (10/09)	J0G237	\$194
1541500	Piperacillin (500 mg)	H (10/09)	I0H009	\$194
1589007	Pyrimethamine (200 mg)	H (10/09)	I0H212	\$194
1601102	Residual Solvents Mixture - Class 1 (1.2 mL/ampule; 3 ampules)	F0C407 (10/09)	F1H387	\$194
1659000	Thimerosal (500 mg)	H1B205 (10/09)	I0H094	\$194
1707908	Valerenic Acid (15 mg)	H0D126 (10/09)	I0G329	\$865
1713004	Vinblastine Sulfate (50 mg)	M0B308 (10/09)	N0H327	\$440

Items with New Lots

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1029501	Amlodipine Besylate (350 mg)	G0F133 (08/10)	H0I102	\$194
1042500	L-Arginine (200 mg)	G2E280 (08/10)	H0I181	\$194
1076352	Bretylum Tosylate (200 mg)	F-1 (07/10)	G0I231	\$194
1103105	Cetyl Palmitate (50 mg)	F0B241 (08/10)	G0H314	\$194
1185020	Diazepam Related Compound A (25 mg)	I1F077 (08/10)	J0H438	\$605
1188811	Diclofenac Related Compound A (25 mg)	J0F294 (08/10)	K0I100	\$605
1269390	Felodipine Related Compound A (15 mg)	F1F260 (08/10)	G0I105	\$605
1304038	Heparin Sodium Identification (50 mg)	F0H210 (06/10)	G0I116	\$194
1315001	Hydrocodone Bitartrate CII (100 mg)	M0G061 (08/10)	N0I034	\$257
1462006	Niacinamide (500 mg) (Vitamin B3)	N0E024 (08/10)	N1H378	\$194
1496008	Papaverine Hydrochloride (200 mg)	H (08/10)	H1I070	\$194
1499414	Paricalcitol Solution (3 mL)	G1I063 (08/10)	H0I227	\$363
1572503	Propofol (200 mg)	F0D379 (08/10)	G0H334	\$194
1573007	Propoxycaine Hydrochloride (200 mg)	F (08/10)	F1I011	\$194
1584003	Pyrantel Pamoate (500 mg)	I (08/10)	J0I208	\$194
1622000	Stearyl Alcohol (125 mg)	H2B217 (06/10)	I0I061	\$154



USP Publication Highlights

	<p>USP 33–NF 28: New Monograph Format and Updates for 2010—Subscribe Today!</p> <p>The latest edition of <i>USP–NF</i> contains official standards for 2010 along with new features that help you find the information you need: new easy-to-read monograph design with concise language and enhanced online format functionality (printable PDFs, 3-D structures and more). Publishes in English (print, online, and CD) November 2, 2009, and in Spanish (print) in April 2010. Subscribe today at www.usp.org/products/USPNF or call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Select Europe).</p>
	<p>New <i>USP–NF</i> Archive Library Provides Easy Access to Previous <i>USP–NF</i> Content</p> <p>This first available collection of previous <i>USP–NF</i> content features monographs and methods from the past five editions: <i>USP 28–NF 23</i> through <i>USP 32–NF 27</i>. All material is provided in printable PDF format on one convenient CD. Publishes in fall 2009. To reserve your copy today call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Select Europe).</p>
	<p>Order Your Copy of the New <i>Chromatographic Columns</i></p> <p>The new 2009–2010 edition of <i>Chromatographic Columns</i> (formerly titled <i>Chromatographic Reagents</i>) publishes September 28. This valuable, time-saving reference provides a cumulative listing of chromatographic columns referenced in <i>USP–NF</i> and <i>PF</i> liquid- and gas-chromatographic methods since 1980. Print, spiral bound in English. Visit www.usp.org/products/chromatographic.html or call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Select Europe).</p>
	<p>Now Available—New <i>USP Dietary Supplements Compendium</i>. Save \$50 through September 30!</p> <p>The new <i>USP Dietary Supplements Compendium (DSC)</i> combines <i>USP–NF</i> standards with information from the <i>Food Chemicals Codex, Sixth Edition</i>; regulatory and industry documents; and helpful tools and resources. The <i>DSC</i> will be published every two years in hardcover print, English only. Order through September 30, 2009, for only \$375 (regular price is \$425)! Visit www.usp.org/products/dietarySupplementsCompendium/ or call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Select Europe).</p>



ATTENTION: *USP–NF* and *PF* Subscribers—Important Renewal Information

It's time to renew your *USP–NF* (print and CD) and *PF* (print) subscriptions for 2010! **Customers with USP Online Store accounts can log in to their accounts and view subscription information by clicking "Yes" under the "Renewal Alert"; customers without USP Online Store accounts will receive their renewal information by mail in late September.** Should you have any questions or would like to renew at anytime by phone, please contact USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Select Europe).

Publication Update: *FCC Second Supplement* Publishes September 9, 2009. The supplement will ship automatically to subscribers at no additional cost.

Please note: Prices for *USP–NF* publications will increase with the 2010 edition.

Publication	Unit Price
2010 <i>USP–NF</i> Print Subscription	\$820
2010 <i>USP–NF</i> CD Subscription	\$1210
<i>USP–NF Online</i> 1-Year Subscription	*\$1005
2010 <i>USP–NF</i> Spanish Print Subscription	\$820

*Online subscription price increased in July 2009.

Event Highlights

USP Annual Scientific Meeting 2009—North America, September 22–25, 2009 Toronto, Canada

USP's Annual Scientific Meeting is open to the public and serves as an interactive forum where USP and its stakeholders can discuss new direction and standards that affect the pharmaceutical and food ingredients industries. The meeting provides attendees an opportunity to better understand the scope of USP's scientific work and provide input on key standards-setting issues. [Learn More](#)

Pharmacopeial Education

View the Latest USP Pharmacopeial Education Online Catalog—www.uspeducation.com

Get details on current and upcoming education offerings, including on-demand online courses, classroom lectures, and lab training. Updated throughout the year, this convenient online catalog provides click-through links for registration, instructor information, and related products.



Featured Courses

Fundamentals of HPLC Practices (in collaboration with ACS)

The course covers definitions of mechanisms, discussion of the relationship of polarity and separation mechanisms and molecular weight and separation mechanisms, controlling factors, and the opportunity to perform data calculations. System suitability is included as well equipment features and selection. Additionally, emphasis is placed on practical considerations, such as cGMP compliance, and troubleshooting options are addressed within the context of the *USP-NF*.

Classroom Lecture: \$695 (Special offers and group discounts available)

October 13, 2009; Iselin, NJ ***Register before September 22 and save \$200***

[Click here](#) to register.

Validation and Verification of Compendial Procedures (in collaboration with ACS)

Gain insight into USP's perspective on validating methods as detailed in General Chapters <1225> and <1226>. Learn how to apply specific validation performance parameters, develop protocols, and use statistics to evaluate the data. Understand the distinction between validation and verification and when it is appropriate to execute each concept.

Classroom Lecture: \$695 (Special offers and group discounts available)

September 22, 2009; Chicago, IL

[Click here](#) to register.

Basic Statistics and Their Practical Applications to USP-NF

This course will focus on practical application and a minimum amount of time is devoted to abstract theory. Emphasis will be placed on the most commonly utilized statistical tests, including: 1) t-tests 2) analysis of variance 3) correlation 4) linear regression and 5) outlier tests. Practical examples and problems drawn from scientific research will be used to illustrate statistical concepts and mathematical procedures. Emphasis will be placed on the appropriate use of statistics and the interpretation of their results.

Classroom Lecture: \$695 (Special offers and group discounts available)

October 27, 2009; Raleigh, NC ***Register before October 5 and save \$200***

[Click here](#) to register.

Good Weighing Practices in the Pharmaceutical Industry: A Risk-Based Approach (in collaboration with Mettler-Toledo)

Driven by sound scientific and risk assessment principles, this course provides guidance to correct common misconceptions held by many companies regarding balance selection and use as well as incorrect testing programs utilized for maintenance purposes.

Classroom Lecture: US \$795 (Special offers and group discounts available)

September 22, 2009; Toronto, Canada

October 28, 2009; Raleigh, NC ***Register before October 6 and save \$250***

November 2, 2009; La Jolla, CA ***Register before October 6 and save \$250***

[Click here](#) to register.





Analysis of Elemental Impurities

This full-day workshop offers instruction on how to analyze metals and other elemental impurities in APIs, excipients, and drug products. Participants learn about instrumental techniques, method development, and validation strategies while developing an understanding of the strengths and weaknesses of ICP-OES and ICP-MS.

Bethesda, MD. October 27, 2009 (Fall Technical Conference 2009, October 27–29)

[Click here](#) to register.

Subscribe to the Pharmacopeial Education Email Bulletin

USP Pharmacopeial Education is developing several new courses for introduction in 2009. If you would like to stay informed of our new curriculum and upcoming schedule, [subscribe now](#) to the Pharmacopeial Education Bulletin.

Compendial Highlights

Call for Candidates—USP Council of Experts and Expert Committees

SCIENCE • INNOVATION • PASSION • COMMITMENT—YOU set the Standard

Volunteers on the Council of Experts, Expert Committees, and Expert Panels are an integral part of the USP standards-setting process. Participation as a USP volunteer expert affords you the unique opportunity to

- Influence Drug Quality
- Utilize Your Expertise
- Advance Your Profession
- Improve Public Health

USP invites qualified candidates—pharmaceutical scientists, academicians, regulatory professionals, healthcare professionals, and others—to apply to serve as scientific decision makers on the Council of Expert Committees. The 2010–2015 Council of Experts includes 20 Expert Committees in the areas of Nomenclature, Small Molecules, Biologics and Biotechnology, Excipients, General Chapters, Reference Standards, Compounding, Food Ingredients, and Dietary Supplements, with each member of the Council of Experts chairing an Expert Committee. USP is also seeking qualified candidates for its Expert Panels, which play an important advisory role to the Council of Experts. [Learn More](#)

Monograph Redesign—USP has received more than 2400 comments and is continuing the comment review process. Although the deadline has passed for comments to be included in *USP 33–NF 28*, you can still comment on the proposed design changes for *USP–NF* monographs. The comments received will be considered for Errata. This is your chance to become familiar with the new formats and identify any errors that may have been introduced through the conversion of the monographs to this new style. The new format will be incorporated in *USP 33–NF 28*. Click [here](#) for more details.

[Table of Contents](#)



New Official Text

Revision Bulletins:

[Anticoagulant Heparin Solution, Antithrombin III Human, Heparin Calcium, Heparin Calcium Injection, Heparin Lock Flush Solution, Protamine Sulfate, <11> USP Reference Standards USP Reference Standards](#) (posted 28-Aug-2009; official 1-Oct-2009)

[Cefdinir](#) (posted 28-Aug-2009; official 1-Oct-2009)

[Pilocarpine Hydrochloride Tablets](#) (posted 28-Aug-2009; official 1-Oct-2009)

[Levetiracetam](#) (updated 18-Aug-2009; posted 26-Jun-2009; official 01-Aug-2009)

IRAs (*Pharmacopeial Forum* 35(5) September–October 2009)

[Budesonide, Heparin Sodium, Heparin Sodium Injection, and Nefazodone Hydrochloride](#) (103KB) (08/31/09)

Errata

[Vol. 35, No. 5 \[September-October 2009\]](#) (41KB) (08/31/09)

Compendial Notices

New: None

General Announcements: Nothing New

Intent to Revise: Nothing New

General Chapter Status

The [General Chapters status page](#) provides users with the status of General Chapter revisions. The status is revised every other month to coincide with the Pharmacopeial Forum publication schedule.

Sign up to receive updates electronically at

www.usp.org/support/products/uspNewslettersRequest.html?promo=compendial

Stimuli Articles

Featured in *PF* 35(5), September–October 2009

[General Chapter Management in the 2010–2015 Cycle](#) (200KB)

[Transfer of Analytical Procedures: A Proposal for a New General Information Chapter](#) (56KB)

[Visible Particulates in Injections—A History and a Proposal to Revise USP General Chapter Injections <1>](#) (82KB)





Tip of the Month

USP participates in many "social"—or "new"—media vehicles to communicate the work of the organization and its various public health programs. Visit www.usp.org/aboutUSP/media/socialMedia.html for details.

Question of the Month

Is there a way for personnel to be flagged when there is an update to Hot Topics or Compendial Updates on USP's Web site?

You can sign up to receive Compendial Updates—timely emails with important information on compendial announcements, as well as Pending and Non-US Standards, at www.usp.org/support/products/uspNewslettersRequest.html?promo=compendial.

Table of Contents 