



August 2009

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

USP Catalogs

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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 July 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that have been discontinued/have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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.

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New Reference Standards Now Available

Catalog #	Description	Size	Lot	Price (USD)
1027357	Amiodarone Related Compound E	25 mg	F0I150	\$605
1029512	Amlodipine Related Compound A	25 mg	F0I143	\$605
1044527	Atorvastatin Related Compound A	20 mg	F0I170	\$605
1044549	Atorvastatin Related Compound C	20 mg	F0I173	\$605
1044550	Atorvastatin Related Compound D	20 mg	F0I174	\$605
1044571	Atorvastatin Related Compound E	10 mg	F0I175	\$605
1134142	R-Citalopram Oxalate	10 mg	F0I147	\$605
1249417	Escitalopram Related Compound A	10 mg	F0I112	\$605
1304016	Heparin Sodium for Assays	9.5 mg	F0I187	\$194
1331008	12-Hydroxystearic Acid	200 mg	F0I109	\$194
1356825	Lactobionic Acid	200 mg	F0H433	\$194
1370101	Lopinavir	350 mg	F0I127	\$686
1372050	Lysophosphatidylcholine	350 mg	F0H229	\$237
1392829	Mesna Related Compound B	50 mg	F0I158	\$605
1483152	Oxcarbazepine	100 mg	F0I138	\$445
1548043	Polyvinyl Acetate Dispersion	1 g	F0H372	\$194
1576763	Propylene Glycol Dilaurate	500 mg	F0H076	\$194
1584014	Pyrantel Related Compound A	25 mg	F0I122	\$605
1609614	Salmeterol Related Compound A	10 mg	F0I103	\$605
1609625	Salmeterol Related Compound A	10 mg	F0I137	\$605
1707839	Valacyclovir Hydrochloride	200 mg	F0I084	\$194

Previously Out-of-Stock Items Now Available

Catalog #	Description	Size	Lot	Price (USD)
1149004	Corticotropin	5.6 Units /vial; 5 vials	M1I180	\$154
1478108	Ofloxacin	200 mg	G1I182	\$194
1572536	Propofol Related Compound A	15 mg	G0I092	\$605
1612652	Simethicone	50 g	J0H301	\$194

Backorder Availability Estimates, August 10, 2009

Catalog #	Description	Expected Availability*
1076352	Bretylium Tosylate (200 mg)	Q3/09
1499414	Paricalcitol Solution (3 mL)	Q3/09
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

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Items with New Package Size or New Description

Catalog #	Description	Old Size	New Size	Lot	Price (USD)
1572536	Propofol Related Compound A	25 mg	15 mg	G0I092	\$605

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 Catalog online at www.usp.org; click on the USP Products link and look up the RS of interest.

No Longer Valid as of July 31, 2009					
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)	
1044800	Atracurium Besylate (100 mg)	F0B143 (07/09)	F1H342	\$194	
1140586	Clopidogrel Related Compound A (20 mg)	F1F332 (07/09)	G0H250	\$735	
1140600	Clopidogrel Related Compound C (20 mg)	F1F333 (07/09)	F2H215	\$735	
1224802	Docusate Sodium (500 mg)	K0D134 (07/09)	L0H276	\$194	
1329800	Hydroxypropyl Cellulose (500 mg)	G0F066 (07/09)	H0H051	\$194	
1335541	Ibuprofen Related Compound C (0.2 mL/ampule; 3 ampules)	F0F011 (07/09)	F1H048	\$605	
1347700	Irbesartan (200 mg)	F0F293 (07/09)	G0H216	\$194	
1432005	Methylparaben (125 mg)	K0C382 (07/09)	K1H071	\$154	
1457403	Naproxen Sodium (200 mg)	J0C379 (07/09)	J1H092	\$194	
1499414	Paricalcitol Solution (3 mL)	F0F182 (07/09)	G1I063	\$310	
1500502	Particle Count Set (2 blanks and 2 suspensions)	J0D067 (07/09)	K0H089	\$605	
1539508	Pimozide (200 mg)	G (07/09)	G1H103	\$194	
1546809	Low-Density Polyethylene (3 strips)	H0E114 (07/09)	I0G312	\$194	
1553000	Pralidoxime Chloride (200 mg)	G-2 (07/09)	H0H050	\$194	
1601623	Residual Solvent Class 2 - Methanol (1.2 mL/ampule; 3 ampules)	F0D045 (07/09)	G0H294	\$194	
1604701	Ritodrine Hydrochloride (200 mg)	G-1 (07/09)	H0G333	\$194	
1612630	Silybin (50 mg)	G0D392 (07/09)	G1H175	\$194	
1613509	Sodium Ascorbate (200 mg)	G2C067 (07/09)	H0G289	\$194	
1620220	Stavudine System Suitability Mixture (10 mg)	F0E051 (07/09)	F1G128	\$605	
1676000	Triamcinolone (250 mg)	I0G157 (07/09)	J0H208	\$194	
1708784	Valsartan Related Compound B (10 mg)	F0G129 (07/09)	G0H058	\$775	



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	Methylergonovine 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



Items with New Lots

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1017502	Dried Aluminum Hydroxide Gel (200 mg)	F2B120 (07/10)	G0I104	\$194
1019508	Amikacin (300 mg)	J0E226 (07/10)	K0I162	\$194
1093012	Carbamazepine Related Compound A (50 mg)	F0G095 (08/10)	G0I124	\$605
1097658	Cefixime (500 mg)	F (07/10)	G0I139	\$194
1134277	Citalopram Related Compound D (15 mg)	F0F170 (08/10)	G0I121	\$605
1134335	Ciprofloxacin Hydrochloride (400 mg)	I0C265 (07/10)	J0H307	\$194
1149004	Corticotropin (5.6 Units/vial; 5 vials)	M (04/10)	M1I180	\$154
1161509	L-Cysteine Hydrochloride (200 mg)	H (07/10)	I0I177	\$194
1239005	Ergocalciferol (30 mg/ampule; 5 ampules) (Vitamin D2)	P0B275 (07/10)	Q0I099	\$210
1287008	Furosemide (200 mg)	K0F188 (06/10)	L0H311	\$154
1301007	Guaifenesin (200 mg)	I1C098 (07/10)	J0G257	\$194
1370270	Loratadine (200 mg)	G0D344 (06/10)	H0H450	\$323
1376006	Mecamylamine Hydrochloride (200 mg)	F-2 (06/10)	G0H154	\$194
1441254	Metoprolol Related Compound C (20 mg)	F0C344 (06/10)	G0I043	\$647
1446804	Monostearyl Maleate (100 mg)	G (07/10)	G1I191	\$605
1478108	Ofloxacin (200 mg)	G0E180 (07/10)	G1I182	\$194
1478629	Ondansetron Related Compound D (30 mg)	G0F153 (08/10)	H0I048	\$605
1483505	Oxprenolol Hydrochloride (200 mg)	I0C344 (07/10)	I1I183	\$194
1500251	Paroxetine Related Compound D (10 mg) (AS)	G0E096 (06/10)	H0H383	\$605
1526200	Phenoxyethanol (500 mg) (2-Phenoxyethanol)	F0D069 (07/10)	G0H449	\$194
1570428	2-Propanol (1.2 mL/ampule; 3 ampules)	F0E245 (06/10)	G0H068	\$194
1572536	Propofol Related Compound A (15 mg)	F0E060 (07/10)	G0I092	\$605
1601292	Residual Solvents Class 2 - Mixture B (1.2 mL/ampule; 3 ampules)	F0D248 (07/10)	G0I069	\$194
1612652	Simethicone (50 g)	I0F165 (07/10)	J0H301	\$194
1628007	Sulfamerazine (500 mg)	H1C171 (07/10)	I0I081	\$194
1667600	Alpha Tocopherol (250 mg) (Vitamin E Alcohol)	M (07/10)	N0F068	\$194
1672206	Topiramate (150 mg)	F0F297 (06/10)	G0I135	\$258
1708762	Valsartan (350 mg)	I0H060 (07/10)	J0I020	\$194

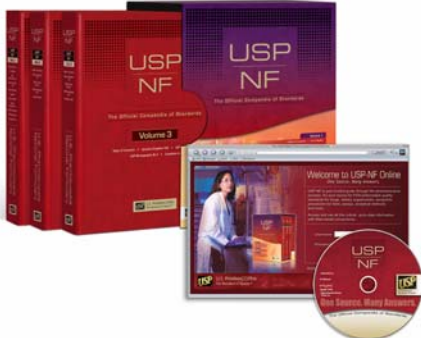

USP Publication Highlights

ATTENTION: *USP-NF* and *PF* Subscribers—Renewal Update for 2010 Publications

It is almost time to renew *USP-NF* and *PF* subscriptions for 2010. **Customers with USP Online Store accounts will receive renewal notices by email on August 28; those without USP Online Store accounts will receive renewal notices by mail in early September.** Look for these communications and renew early to prepare for new and revised standards that become official in 2010. Should you have any questions about renewing subscriptions, 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).

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	<p>USP 33–NF 28: New Monograph Format and Updates for 2010—Subscribe now!</p> <p>The latest edition of <i>USP–NF</i> provides access to 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/USPNE 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>Help Revise <i>USP–NF</i> Standards with <i>Pharmaceutical Forum (PF)</i>, Volume 36—Subscribe for 2010</p> <p>Published six times a year, <i>PF</i> lets you review and submit both comments and proposals for standards revisions. Plus, <i>PF</i> gives you 2 to 12 months advance notice of changes, allowing you to prepare early for revisions. Order <i>PF</i> 36 today—print and online formats, English only. Visit www.usp.org/products/PF 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>Reserve Your New <i>Chromatographic Columns</i> Now!</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 August 31!</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 August 31, 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>



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

Hot Topic Meetings and Workshops

Topical Dermal Dosage Forms Workshop (September 14–15, 2009) [Learn More](#)

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

Developing Compendial HPLC Practices

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)

September 21, 2009; Chicago, IL

October 13, 2009; Iselin, NJ

[Click here](#) to register.





Validation and Verification of Compendial Procedures

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

[Click here](#) to register.

Good Weighing Practices in the Pharmaceutical Industry: A Risk-Based Guideline

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

November 2, 2009; La Jolla, CA

[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.

New Official Text

Revision Bulletins:

[Levalbuterol Hydrochloride](#) (posted 31-Jul-2009)

[<1> Injections Labeling on Ferrules and Cap Overseals Section \(POSTPONEMENT\)](#) (posted 29-Jul-2009)

[Doxycycline Hyclate Tablets](#) (posted 20-Jul-09; official 01-Aug-09)

[Doxycycline Hyclate Delayed–Release Tablets](#) (posted 20-Jul-09; official 01-Aug-09)

IRAs (*Pharmacopeial Forum* 35(4) July–August 2009)

[Hawthorn Leaf with Flower and Powdered Hawthorn Leaf with Flower](#) (85KB) (06/30/09)

Errata

[Vol. 35, No. 4 \[July-August 2009\]](#) (61KB) (06/30/09)

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Compendial Notices

New:

[<1> Injections: Notice of Intent to Revise](#) (posted 29-Jul-2009)

[USP Revises its Request for Revision Guideline](#) (posted 24-July-2009)

[Acitretin Capsules: Notice of Intent to Revise](#) (posted 22-Jul-2009)

General Announcements: See New above

Intent to Revise: See New above

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(4)*, July–August 2009

[Co-processed Excipients](#)  (62KB)

[Liquid-filled Gelatin Capsules](#)  (2.7MB)

Tip of the Month

Attend the USP Annual Scientific Meeting 2009 - North America
Standards Without Borders: Protecting the Public Health in the Modern World
September 22-25, 2009
Toronto, Canada

The USP Annual Scientific Meeting 2009 is your opportunity to directly contribute to USP's standards-setting processes through interaction with USP's scientific staff, members of the Council of Experts and its Expert Committees, members of the Council of the Convention, and your scientific colleagues. Learn about the standards we are implementing.

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](#)

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Question of the Month

What is USP's stance on UPLC (Ultra Performance Liquid Chromatography)?

Generally speaking if a user wants to use UPLC where a regular HPLC is prescribed, full validation is needed. This change fits perfectly under the definition of alternative procedure in General Notices

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