



April 2008

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

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 March 2008; 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that have been discontinued/have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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.

New Reference Standards Now Available

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Catalog #	Description	Size	Lot	Price (USD)
1015019	Alprazolam Related Compound A	30 mg	F0H056	\$576
1034807	Anastrozole	200 mg	F0H034	\$295
1154591	Gamma Cyclodextrin	200 mg	F0D396	\$185
1173202	Desmopressin Acetate	1.91 mg	F0E267	\$185
1225452	Doxazosin Related Compound C	20 mg	F0H025	\$576
1225474	Doxazosin Related Compound E	20 mg	F0H027	\$576
1368610	Lisinopril Related Compound A	15 mg	F0G386	\$576
1443362	Mibolerone CIII	200 mg	F0H045	\$245
1544417	Piroctone Related Compound A	15 mg	F0H073	\$576
1576661	Propylene Glycol Monocaprylate Type I	1 g	F0H003	\$185
1576672	Propylene Glycol Monocaprylate Type II	1 g	F0H016	\$185

Previously Out-of-Stock Items Now Available

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Catalog #	Description	Size	Lot	Price (USD)
1140597	Clopidogrel Related Compound B	20 mg	G1H047	\$700
1202005	Dihydroergotamine Mesylate	500 mg	K0H019	\$185
1356858	Lamivudine Resolution Mixture B	10 mg	G0H055	\$576
1709007	Vancomycin Hydrochloride	4 vials	M0H006	\$185



Backorder Availability Estimates, March 24, 2008

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Catalog #	Description	Expected Availability*
1046089	N-Demethylazithromycin (15 mg)	Q2/08
1254508	Estriol (100 mg)	Q2/08
1320001	Hydrocortisone Phosphate Triethylamine (200 mg)	Q2/08
1375058	Mandelic Acid (500 mg)	Q1/08
1379254	Melengestrol Acetate (125 mg)	Q2/08
1392002	Mercaptopurine (500 mg)	Q2/08
1499403	Paricalcitol (10 mg)	Q2/08
1592001	Pyrvinium Pamoate (500 mg)	Q2/08
1604508	Rimantadine Hydrochloride (300 mg)	Q2/08
1642212	Sumatriptan Succinate Related Compound A (15 mg)	Q2/08
1719102	Warfarin Related Compound A (50 mg)	Q1/08

*Dates are targets and may change at any time. Q1/08 =January–March 2008, Q2/08 = April–June 2008

Items with New Package Size

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Catalog #	Description	Old Size	New Size	Lot	Price (USD)
1202005	Dihydroergotamine Mesylate	250 mg	500 mg	K0H019	\$185



RS Lots That Are No Longer Valid

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

No Longer Valid as of March 31, 2008

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1066009	Betamethasone (200 mg)	K2C204 (03/08)	L0G059	\$185
1091108	Capsaicin (100 mg)	G2D136 (03/08)	H0G235	\$185
1140393	Clonidine (200 mg)	F0C401 (03/08)	G0G086	\$185
1140586	Clopidogrel Related Compound A (20 mg)	F0E117 (03/08)	F1F332	\$700
1169001	Demecarium Bromide (250 mg)	F (03/08)	G0G185	\$185
1180503	Dextromethorphan (2 g)	H (03/08)	I0F274	\$576
1181007	Dextromethorphan Hydrobromide (500 mg)	J0B167 (03/08)	K0F118	\$185
1242010	Erythromycin B (100 mg)	G1C080 (03/08)	G2F259	\$185
1291708	Powdered Asian Ginseng Extract (1.5 g)	F0B289 (03/08)	G0F321	\$616
1356927	Lansoprazole Related Compound A (25 mg)	F0B311 (03/08)	G0G055	\$576
1389008	Meprobamate CIV (200 mg)	G-1 (03/08)	G2G065	\$245
1445200	Mitoxantrone Hydrochloride (400 mg)	I0D174 (03/08)	J0F278	\$590
1445459	Molindone Hydrochloride (500 mg)	F (03/08)	F1G079	\$185
1478505	Omeprazole (200 mg)	H1B211 (03/08)	I0F081	\$185
1478618	Ondansetron Related Compound C (30 mg)	F0C251 (03/08)	G0F283	\$576
1500240	Paroxetine Related Compound C (15 mg)	G0D053 (03/08)	G1F101	\$576
1533002	Phenylephrine Hydrochloride (125 mg)	K1C290 (03/08)	L0F273	\$147
1548190	Potassium Chloride (1 g) (AS)	F0D127 (03/08)	G0F268	\$185
1612007	Sennosides (500 mg)	H1B223 (03/08)	I0G087	\$185
1619006	Spirolactone (125 mg)	J-1 (03/08)	K0F327	\$147
1623670	Sulbactam (250 mg)	H0C396 (03/08)	I0G133	\$185
1672803	Transplatin (25 mg)	H0B287 (03/08)	I0G069	\$576
1692505	Trimethoprim (300 mg)	J0B228 (03/08)	K0F080	\$185
1722005	Xylose (1 g)	F (03/08)	F1G143	\$185



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No Longer Valid as of April 30, 2008

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1025351	Aminohippuric Acid (200 mg)	F-1 (04/08)	G0E338	\$185
1031004	Amodiaquine Hydrochloride (500 mg)	H0B238 (04/08)	I0G043	\$185
1042601	Arginine Hydrochloride (125 mg)	G0B060 (04/08)	G1G075	\$147
1043706	Aspartame (200 mg)	H1B125 (04/08)	H2F160	\$185
1076308	Bleomycin Sulfate (15 mg)	J0B213 (04/08)	J1G042	\$363
1078733	Bupropion Hydrochloride (200 mg)	G0E048 (04/08)	H0G179	\$246
1096407	Carboplatin (100 mg)	H0C240 (04/08)	H1F175	\$189
1158005	Cycloserine (250 mg)	G (04/08)	H0F342	\$185
1230000	Dyclonine Hydrochloride (200 mg)	G (04/08)	H0F196	\$185
1350603	Isopropyl Palmitate (500 mg)	I (04/08)	I1G013	\$185
1370203	Loracarbef (200 mg)	F (04/08)	G0G077	\$185
1468501	Norepinephrine Bitartrate (125 mg)	I0C381 (04/08)	I1F322	\$147
1491300	Oxytocin (5 vials, 46 USP units per vial)	F (04/08)	F1G134	\$185
1500003	Paromomycin Sulfate (125 mg)	G (04/08)	G1E305	\$185
1535019	Phenytoin Related Compound A (50 mg)	F0C155 (04/08)	F1F311	\$576
1546900	Polyethylene Terephthalate (PET) (3 Strips)	F (04/08)	G0G240	\$185
1572547	Propofol Related Compound B (50 mg)	F0D239 (04/08)	G0G114	\$576
1595000	Quinidine Gluconate (200 mg)	H1A028 (04/08)	I0F265	\$185
1612540	Sevoflurane (1 mL)	F0C219 (04/08)	G0F347	\$185
1612652	Simethicone (50 g)	H0D084 (04/08)	I0F165	\$185

Items with New Lots

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Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1012633	Albuterol Sulfate (200 mg)	J (02/09)	K0G284	\$185
1097705	Cefoperazone Dihydrate (200 mg)	H (02/09)	H1G369	\$185
1107004	Chloramphenicol (200 mg)	N1C074 (12/08)	O0H011	\$185
1140597	Clopidogrel Related Compound B (20 mg)	G0F319 (01/09)	G1H047	\$700
1202005	Dihydroergotamine Mesylate (500 mg) (List Chemical)	J0B085 (01/09)	K0H019	\$185
1225000	Doxapram Hydrochloride (200 mg)	F4C053 (03/09)	G0G110	\$185
1356858	Lamivudine Resolution Mixture B (10 mg)	F0E152 (12/08)	G0H055	\$576
1708773	Valsartan Related Compound A (10 mg)	G0G149 (03/09)	H0G357	\$738



USP Publication Highlights

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New 2008 USP Dictionary—Available Now!

The 2008 edition of the *USP Dictionary of USAN and International Drug Names* provides comprehensive, up-to-date drug name information—generic and brand name drugs, pronunciations, formulas, CAS numbers, UNII codes (new for 2008), and more! Order today at www.usp.org/products/dictionary or call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Europe).

New USP Pharmacists' Pharmacopeia, Second Edition

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Get the latest compounding standards and authoritative pharmacy practice information. Thoroughly revised and updated, the new edition features many new monographs, recent revisions to General Chapter <797>, and new sections on veterinary compounding and food ingredients (preservatives, colorings, and flavorings). Visit www.usp.org/products/pharmacistspharm or call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Europe).

USP 31–NF 26 Becomes Official May 1. Order Today!

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It's not too late to order the latest *USP–NF* standards. Available in English (print, online, and CD) and Spanish (print), a subscription to *USP 31–NF 26* includes a main edition and two *Supplements*. Subscribe now 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 (Europe).

Publications Scheduled Ship Dates

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The following table lists the scheduled ship dates for USP publications.

Publication	Scheduled Ship/Post Date
<i>Pharmacists' Pharmacopeia, Second Edition</i>	March 31, 2008 (print only)
<i>USAN Online</i>	April 1, 2008
<i>USAN Print</i>	April 1, 2008
<i>PF34(3) Online</i>	May 1, 2008
<i>PF34(3) Print</i>	May 8, 2008

Orders should arrive within two weeks of placement. If you do not receive your publication order when expected, please contact USP Customer Service at +1-301-881-0666 or email: custsvc@usp.org.



Events

USP Customer Days—Coming to a City Near You!

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The USP Account Management Team will be traveling across the U.S. and Canada and select locations outside the U.S. holding free seminars to discuss USP publications, Reference Standards, USP Verified Services, Professional Education, new initiatives, and hot topics.

Meetings are scheduled for St. Louis, MO (May 15, 2008); and Montreal, Canada (June 4, 2008). Registration and more information are available at: www.usp.org/goto/USPCustomerDays or contact: uspcustomerday@usp.org.

Exhibitions—Come Visit Us!

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USP will have a booth at the **PABME**, Pharmaceutical Manufacturing and Biotechnology Middle East, at the International Exhibition Center in Dubai, UAE, 27-29 April 2008.

Pharmacopeial Education

Featured Course

[Laboratory Practicum for Chapter <467> Residual Solvents](#)

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USP, in partnership with Phenomenex—a worldwide manufacturer of separation science consumables, will present a comprehensive course including lectures and complementary laboratory sessions on methods development for General Chapter <467> and advanced GC approaches to testing for residual solvents.

Intended For: Laboratory scientists, lab managers, and compliance staff in the pharmaceutical and allied industries.

Format: Traditional Classroom, 1-Day, Lecture and Lab

Classroom Cost: US \$995. Register [here](#).

Dates and Locations: April 22, 2008, Westwood, NJ
April 23, 2008, Westwood, NJ
May 22, 2008, Chicago, IL



[TLC for Dietary Supplements: Botanicals](#)

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Offers guidance in translating the information of Chapter <621> into a practical methodology and interpreting results obtained with compendial thin layer chromatography (TLC) methods within the realm of botanicals. Ample time for hands-on experiments is incorporated to familiarize with all aspects of modern TLC.

Intended For: Analysts of botanical manufacturing companies, contract laboratories, regulators (FDA inspectors), and consultants with all levels of experience in TLC.

Format: Traditional Classroom, 2-Day, Lecture

Classroom Cost: US \$995. Register [here](#).

Dates and Locations: April 29-30, 2008 at CAMAG, Wilmington, NC
May 1-2, 2008 at CAMAG, Wilmington, NC

[Dissolution: Theory and Best Practices \(with Distek\)](#)

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Practical overview of the history, theory, and practice of pharmaceutical dosage form dissolution testing to support quality assurance as required by General Chapter <711>.

Intended For: Scientists, chemists, and laboratory technicians who perform dissolution testing to support quality assurance as required by General Chapter <711>.

Format: Traditional Classroom, 2-Day, Lecture and Lab

Classroom Cost: US \$1,495 for two days; \$695 for lecture only. Register [here](#).

Dates and Locations: May 7-8, 2008
May 7, 2008 (Lecture ONLY)

[Upcoming USP PE courses](#)

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(click on course titles for more information)

- [Introduction to the New Food Chemicals Codex](#) (FREE Webinar)
- [Navigating the Food Chemicals Codex](#) (FREE Webinar)
- [How to Use the FCC Forum—Making the FCC Your Own](#) (FREE Webinar)
- [How to Develop a Food Chemical Codex Monograph](#) (FREE Webinar)
- [Navigating Chapter <467> Residual Solvents](#)
- [Essentials of USP Microbiological Testing](#)
- [Developing Compendial HPLC Practices](#)
- [General Chapter <905>: Ensuring Confidence in Dosage Unit Uniformity](#)
- [Validation of Compendial Procedures](#)
- [Determining Particulate Matter in Parenterals](#)



New Online Courses coming in Spring 2008:

- General Chapter <905>: Ensuring Confidence in Dosage Unit Uniformity
- Validation of Compendial Procedures
- cGMP: A Quality Systems Approach for APIs

Subscribe to the Pharmacopeial Education Email Bulletin

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USP Pharmacopeial Education is developing several new courses for introduction in 2008. If you would like stay informed of our new curriculum and upcoming schedule, subscribe now to the new Pharmacopeial Education Bulletin www.usp.org/support/products/uspNewslettersRequest.html?promo=pe

For the complete USP Pharmacopeial Education course list, please go to www.usp.org/education

USP–NF Notices (www.usp.org/USPNF/notices/?h)

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Revision Bulletins: Glycerin Monograph - Revision of the Identification Test and Replacement of the Limit of Diethylene Glycol and Related Compounds Test—03/14/08

Fosinopril Sodium and Hydrochlorothiazide Tablets - Revision to Related Compounds Test—03/14/08

Explanatory Notes/Announcements: Nothing New

Intent to Revise: <711> Dissolution: Notice of Intent to Revise—03/11/08

Tazobactam: Intent to Revise—02/29/08

Errata: Nothing New

Postponements: Nothing New

Correction to *Pharmacopeial Forum* 34(2)—03/07/08

Stimuli Articles

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Featured in *PF* 34 (2), March–April 2008

[Proposed Change to Acceptance Criteria for Dissolution Performance Verification Testing](#)

[Uncertainty Statements Regarding USP Reference Standards](#)

[Revision of USP General Chapter Elastomeric Closures for Injection <381>](#)



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Tip of the Month

How can you easily locate information on current standards issues and new USP resources on the USP website? Go to www.usp.org and look for these two sections on the left sidebar:

Hot Topics—Features comprehensive resources related to timely industry and standards-related topics.

Featured Products—Highlights the latest USP publications, Reference Standards, PE courses, and more!

Question of the Month

Where can I get a list of monographs and General Chapters that were revised in the USP 31–NF 26 annual edition?

Answer:

Visit www.usp.org/USPNF/revisions/ to get a list of approved revisions.