



September 2007

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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 August 2007; 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that have been discontinued/have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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 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)
1134197	Citalopram Related Compound G	25 mg	F0G221	\$549
1134222	Citalopram Related Compound H	25 mg	F0G224	\$549
1269221	Famotidine Related Compound B (AS)	25 mg	F0G182	\$549
1285840	Fluticasone Propionate Related Compounds Mixture	25 mg	F0G058	\$703
1358831	Levalbuterol Related Compound E	300 mg	F0G174	\$549
1457844	Near IR System Suitability	1 unit	F0G007	\$1849
1711188	Vecuronium Bromide Related Compound C	15 mg	F0G177	\$549
1711224	Vecuronium Bromide Related Compound F	15 mg	F0G178	\$549



Previously Out-of-Stock Items Now Available

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Catalog #	Description	Size	Lot	Price (USD)
1091108	Capsaicin	100 mg	H0G235	\$176
1287609	Gadopentetate Monomeglumine	500 mg	G0G222	\$176
1356916	Lansoprazole	150 mg	H0G191	\$176
1431625	Methyl Palmitoleate	300 mg	G0F330	\$176
1450007	Nafcillin Sodium	200 mg	I0G229	\$176
1491300	Oxytocin	5 vials, 46 USP units per vial	F1G134	\$176
1660000	Thioguanine	200 mg	G0G215	\$176

Backorder Availability Estimates, August 27, 2007

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Catalog #	Description	Expected Availability*
1067001	Betamethasone Acetate (500 mg)	Q4/07
1068004	Betamethasone Sodium Phosphate (500 mg)	Q3/07
1071304	Bile Salts (10 g)	Q3/07
1091108	Capsaicin (100 mg)	Q4/07
1107300	Chloramphenicol Palmitate (200 mg)	Q4/07
1254508	Estriol (100 mg)	Q3/08
1302509	Halcinonide (300 mg)	Q3/07
1339000	Indigotindisulfonate Sodium (500 mg)	Q4/07
1546900	Polyethylene Terephthalate (PET) (3 Strips)	Q4/07
1642212	Sumatriptan Succinate Rel Cpd A	Q2/08
1676000	Triamcinolone (250 mg)	Q4/07
1711155	Vecuronium Bromide (50 mg)	Q4/07

*Dates are targets and may change at any time. Q3/07 = July—September 2007, Q4/07 = October—December 2007, Q2/08 = April—June 2008, Q3/08 = July—September 2008



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 August 31, 2007				
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1040005	Antipyrine (200 mg)	G (08/07)	G1F162	\$176
1045508	Aurothioglucose (100 mg)	H0B224 (08/07)	I0E208	\$293
1075203	Bis(2-ethylhexyl)maleate (2 mL)	F-2 (08/07)	G0E308	\$549
1076501	Bromocriptine Mesylate (150 mg)	I1C197 (08/07)	J0E206	\$176
1133570	Chondroitin Sulfate Sodium (300 mg)	G0E236 (08/07)	H0F184	\$176
1134357	Cisplatin (100 mg)	H (08/07)	I0F250	\$176
1146006	Colchicine (300 mg)	J (08/07)	K0F231	\$176
1162002	Cytarabine (250 mg)	G-2 (08/07)	G3F139	\$176
1222501	Disopyramide Phosphate (200 mg)	H-1 (08/07)	I0E337	\$176
1271711	Fluconazole Related Compound A (10 mg)	F0D080 (08/07)	G0F201	\$549
1287020	Furosemide Related Compound A (50 mg)	J (08/07)	J1F187	\$549
1356508	Ketoconazole (200 mg)	G4B179 (08/07)	H0F086	\$176
1370327	Lorazepam Related Compound A (25 mg)	G (08/07)	H0F195	\$549
1424244	Methyl Caproate (300 mg)	F (08/07)	G0F219	\$176
1485114	Oxybutynin Related Compound A (100 mg)	H0E169 (08/07)	I0E332	\$549
1500230	Paroxetine Related Compound B (15 mg)	G0D137 (08/07)	H0F216	\$549
1510845	Pergolide Mesylate (200 mg)	F1C225 (08/07)	G0F146	\$218
1554670	Praziquantel Related Compound C (50 mg)	F-2 (08/07)	G0F288	\$549
1559505	Prednisone Tablets (30 tablets)	O0C056 (08/07)	P0E203	\$203
1600846	Repaglinide Related Compound C (25 mg)	F0B271 (08/07)	G0E181	\$549
1667304	Ticarcillin Monosodium Monohydrate (350 mg)	H (08/07)	I0G021	\$176
1679008	Triamcinolone Hexacetonide (200 mg)	G (08/07)	H0F002	\$176



No Longer Valid as of September 30, 2007

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1012757	Alclometasone Dipropionate (300 mg)	H (09/07)	I0C302	\$176
1022808	2-Amino-5-chlorobenzophenone (25 mg)	I (09/07)	J0F197	\$549
1045756	Azaperone (200 mg)	F (09/07)	F1F183	\$176
1065709	Betaine Hydrochloride (200 mg)	F-1 (09/07)	G0F176	\$176
1086301	Calcitriol (10 mg)	F0E062 (09/07)	G0F104	\$1,410
1094004	Carbenicillin Monosodium Monohydrate (200 mg)	G-2 (09/07)	G3G012	\$176
1095506	Carbidopa (400 mg)	I (09/07)	J0F258	\$176
1095517	Carbidopa Related Compound A (25 mg)	H0B121 (09/07)	H1F245	\$549
1200600	Dihydrocapsaicin (25 mg)	G0C071 (09/07)	H0F210	\$293
1271008	Floxuridine (250 mg)	F-2 (09/07)	G0F207	\$176
1271722	Fluconazole Related Compound B (10 mg)	F0D081 (09/07)	G0F218	\$549
1285851	Flutamide (200 mg)	H0B278 (09/07)	H1E297	\$176
1296009	Glycopyrrolate (200 mg)	H0B304 (09/07)	I0F193	\$176
1310008	Homatropine Hydrobromide (200 mg)	H2C049 (09/07)	I0E341	\$176
1336806	Imidurea (200 mg)	H (09/07)	I0F180	\$176
1344600	Iohexol (200 mg)	F-1 (09/07)	G0F254	\$184
1491343	Paclitaxel Related Compound A (20 mg)	F0C179 (09/07)	G0F248	\$850
1546707	Polyethylene, High Density (3 strips)	G1D115 (09/07)	H0F046	\$176
1554658	Praziquantel Related Compound A (50 mg)	F-1 (09/07)	G0F142	\$549
1711009	Vanillin Melting Point Standard (1 g) (Approximately 82 degrees)	J1C303 (09/07)	K0F097	\$105
1724521	Zidovudine Related Compound B (25 mg)	G0B116 (09/07)	H0F230	\$549



Items with New Lots

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Catalog #	Description	Change Code	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1129007	Chlortetracycline Hydrochloride (200 mg)	2	K0C185 (07/08)	L0F198	\$176
1134073	Cimetidine Hydrochloride (200 mg)	2	F (08/08)	G0G176	\$176
1224700	Docusate Calcium (500 mg)	2	H0B044 (07/08)	H1G144	\$176
1286005	Folic Acid (500 mg) (Vitamin M or Vitamin Bc)	2	P (08/08)	Q0G151	\$176
1287609	Gadopentetate Monomeglumine (500 mg)	2	F1F094 (02/08)	G0G222	\$176
1313006	Hydralazine Hydrochloride (200 mg)	2	K1E183 (08/08)	L0G068	\$176
1349659	Isometheptene Mucate (200 mg)	2	F (08/08)	G0F338	\$176
1356916	Lansoprazole (150 mg)	2	G0D307 (07/08)	H0G191	\$176
1367005	Lincomycin Hydrochloride (200 mg)	2	H2B130 (08/08)	H3G186	\$176
1396400	Methacrylic Acid Copolymer Type A (200 mg)	2	G0B140 (07/08)	G1F057	\$176
1431625	Methyl Palmitoleate (300 mg)	2	F (07/08)	G0F330	\$176
1450007	Nafcillin Sodium (200 mg)	2	H (07/08)	I0G229	\$176
1491300	Oxytocin (5 vials, 46 USP units per vial)	2	F (04/08)	F1G134	\$176
1531007	Phenylbutazone (250 mg)	2	J0A008 (08/08)	K0G199	\$176
1585006	Pyrazinamide (200 mg)	2	G (08/08)	H0G198	\$176
1598405	Ranitidine Hydrochloride (200 mg)	2	H0B268 (08/08)	H1G103	\$176
1613564	Sodium Benzoate (1 g)	2	F0E025 (08/08)	G0G183	\$176
1643408	Temazepam CIV (200 mg)	2	H0C205 (08/08)	H1G187	\$233
1682206	Triclosan (200 mg)	2	G0D001 (07/08)	H0G147	\$176
1722005	Xylose (1 g)	2	F (03/08)	F1G143	\$176
1724532	Zidovudine Related Compound C (100 mg)	2	F-1 (07/08)	G0G181	\$549

New Reference Standards Notification Service Available Online

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If you are awaiting the release of a particular new USP Reference Standard, the Reference Standards Notification Program can be used to notify you when a never-before-released Reference Standard becomes available. To sign up, please fill out the form at <http://www.usp.org/referenceStandards/notificationProgram.html>

The Notification Program does not communicate the release of back-ordered items. To find out when back-ordered items will become available again, please refer to the table in this Notice or contact customer service at custsvc@usp.org or call +1-301-881-0666 or 1-800-227-8772.

New USP Near-Infrared (NIR) System Suitability Reference Standard

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Intended for the qualification of NIR wavelength uncertainty where measurements are taken in diffuse reflectance mode, the new NIR Reference Standard comprises a mixture of talc and three rare earth oxides of dysprosium, holmium, and erbium. Suitable for Dispersive, FT, and CCD Array, it offers extended range applicability and the flexibility to choose user-specified bands. The new USP NIR Reference Standard does not require recertification in its lifecycle! Catalog number: 1457844. Price: \$1849 (US dollars).



USP Publication Highlights

Publication	Release Date	Official Date	Official Until
<i>USP 30–NF 25</i>	Nov. 1, 2006	May 1, 2007	May 1, 2008 (except as superseded by Supplements, IRAs, and Revision Bulletins)
<i>First Supplement</i>	Feb. 1, 2007	Aug. 1, 2007	May 1, 2008 (except as superseded by Second Supplement, IRAs, and Revision Bulletins)
<i>Second Supplement</i>	June 1, 2007	Dec. 1, 2007	May 1, 2008 (except as superseded by IRAs and Revision Bulletins)
<i>USP 31–NF 26</i>	Nov. 1, 2007	May 1, 2008	May 1, 2009 (except as superseded by Supplements, IRAs, and Revision Bulletins)

***USP 30–NF 25 First Supplement* was official August 1, 2007. Be sure to incorporate these new and revised standards into your work.**

Be Prepared for 2008—Order *USP 31–NF 26* Today!



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Available November 1 in English in print, online, and CD formats. An annual subscription includes a main edition and two *Supplements*. The *USP 31–NF 26 Spanish Edition* will be published in print only in January. Subscribe today at www.usp.org or call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Europe).

Comment on and Propose Standards Revisions with *Pharmacopeial Forum (PF)*, Volume 34—Subscribe now for 2008!



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Published six times a year, *PF* lets you review and submit both comments and proposals for standards revisions. Plus, *PF* gives you 2 to 12 months advance notice of changes, allowing you to prepare early for revisions. Order *PF* 34 today to ensure that you receive the first 2008 issue in January! Print and online formats, English only. Visit www.usp.org 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 *Chromatographic Reagents*—Available in late September!



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Order the new 2007-2008 edition of *Chromatographic Reagents*! This valuable, time-saving companion reference to *USP–NF* and *PF* provides a cumulative listing of column reagents referenced in liquid- and gas-chromatographic methods since 1980. Includes brand names, manufacturers, and more. Soft cover print, spiral format with storage pocket, in English only. To order, visit www.usp.org or contact USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Europe).



Subscriptions

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Two year subscriptions will not be offered for 2008 products.

Publications Scheduled Ship Dates

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

Publication	Scheduled Ship Date	On Schedule?
<i>PF33(5) Print</i>	September 7, 2007	Yes
<i>Chromatographic Reagents</i>	September 28, 2007	Yes
<i>PF33(6)Highlights</i>	October 25, 2007	Yes
<i>PF33(6) Online</i>	November 1, 2007	Yes
<i>PF33(6) Print</i>	November 8, 2007	Yes
<i>USP31-NF26 Print</i>	November 1, 2007	Yes
<i>USP31-NF26 Online</i>	November 1, 2007	Yes
<i>USP31-NF26 CD</i>	November 1, 2007	Yes

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.

Education And Events Highlights

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USP Annual Scientific Meeting 2007

September 25–27, 2007

Hyatt Regency Tampa
211 North Tampa Street
Tampa, Florida 33602

USP invites you to get involved ...

- The USP Annual Scientific Meeting 2007 is your opportunity to interact with USP's scientific staff, Council of Experts and your Scientific Colleagues.
- Learn about USP's approach to Quality of Manufactured Medicines, Quality of Care, and International Health- and the standards we are implementing
- Engage in discussions that will help establish standards, set priorities, and shape USP quality requirements for the future.

Preliminary Topics for this year's Annual Scientific Meeting are:

TRACK I **Quality of Manufactured Medicines – Monographs and Reference Standards**

TRACK II **Quality of Manufactured Medicines – General Chapters and Performance Testing**



TRACK III **Quality of Manufactured Medicines – *Biologics and Biotechnology***

TRACK IV **Quality of Care**

TRACK V **International Health**

For more information or to register please visit our website at www.usp.org/goto/asm

or contact:

- conferences@usp.org
- 301-816-8134

Do you need an additional reason to attend the USP Annual Scientific Meeting?

USP Pharmacopeial Education will be offering two opportunities that same week to expand and deepen your knowledge on important compendial topics. Before the ASM on Monday and Tuesday, September 24-25, two two-day courses will offer information and training on “Effectively Using the *USP–NF*” and the “Essentials of USP Microbiological Testing.” Call USP Customer Service to register for these opportunities.

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, Pharmacopeial Education, new initiatives, and hot topics.

Meetings are scheduled for East Brunswick, NJ (October 30, 2007, Hilton East Brunswick); Raleigh, NC (November 29, 2007); Irvine, CA (February 28, 2008); St. Louis, MO (May 15, 2008); and Montreal, Canada (June 4, 2008). Registration and more information are available at: <http://www.usp.org/goto/USPCustomerDays> or contact: marketing@usp.org.

Learning about the latest standards revisions is as easy as sitting at your desk!

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Introducing USP *Pharmacopeial Forum* eSymposia; each eSymposium features 60-90 minutes of expert presentations on the latest standards updates and proposed revisions. Scheduled to follow the release of each issue of *Pharmacopeial Forum*, USP eSymposia provide participants with a cost-effective and convenient way to learn about upcoming revisions, and offers a unique opportunity to discuss changes with USP experts on topics included in that PF. Specific topics will be announced 4-6 weeks prior the date of each eSymposium. For more information, contact Donna Washington, Project Manager, Pharmacopeial Education, at +1-301-816-8228. See schedule below. Cost: \$89 (US)



The NEW convenient and cost effective way of taking USP courses from your own office or home!

USP is introducing USP courses online for the convenience of the busy professional. Composed of web casts, discussion boards, online evaluation and practical assignments, these courses have been created to offer you the learning experience of a classroom with your convenience in mind. Courses range from quick lessons on selected topics to more involved interpretation and application of tests and procedures detailed in *USP–NF* General Chapters and General Information Chapters. See schedule below.

Pharmacopeial Education Course Schedule — September 2007 through January 2008

Upcoming Online Professional Education Courses as of September 1, 2007

Date	Course Title	Location	Price
12-Sep-07	USP eSymposium on Pharmacopeial Forum 33(5)	Webcast–60-90 minutes	\$89
20-Sep-07	Navigating Chapter <467> Residual Solvents	Webinar–2 week course	\$299
20-Sep-07	How to Build a Monograph	On Demand–Webcast– 60 minutes	\$89
1-Nov-07	Navigating Chapter <467> Residual Solvents	Webinar-2 week course	\$299
14-Nov-07	USP eSymposium on Pharmacopeial Forum 33(6)	Webcast– 60-90 minutes	\$89
29-Nov-07	Navigating Chapter <467> Residual Solvents	Webinar–2 week course	\$299
12 Dec -07	Navigating Chapter <467> Residual Solvents	Webinar–2 week course	\$299



Upcoming Professional Classroom Education Courses as of September 1, 2007 The Americas

Date	Course Title	Location	Price
19-Sep-07	Navigating Chapter <467> Residual Solvents	Winnipeg, Canada, Classroom	\$295
24-25 Sep-07	Effectively Using the <i>USP-NF</i> (2-day course)	Tampa, Florida (before ASM), classroom	\$1,195
24-25 Sep-07	Essentials of USP Microbiological Testing (2 day course)	Tampa, Florida (before ASM), classroom	\$1,195
2-Oct-07	Dissolution Testing; Theory and Best Practices (formerly Fundamentals of Dissolution), in assoc. with Distek	Somerset, NJ	\$595
2-3 Oct-07	Dissolution Testing; Theory and Best Practices (formerly Fundamentals of Dissolution), in assoc. with Distek	Somerset, NJ	\$1,495
10-Oct-07	Essentials of USP Microbiological Testing	San Francisco, CA	\$695
16-Oct-07	Validation of Compendial Procedures	Somerset, NJ	\$695
7-8 Nov-07	Advanced Dissolution (new course– 2 day)	Horsham, PA	\$1,495
27-Nov-07	Food and Drug HPLC	Kansas City, MO	\$695
11-Dec-07	Essentials of USP Microbiological Testing	Somerset, NJ	\$695
12-13 Dec-07	Advanced Dissolution (new course– 2 day)	Raleigh, NC (McKimmon Center)	\$1,495
17-Jan-08	Validation of Compendial Procedures	San Francisco, CA	\$695
29-Jan-08	Basic Statistics and their Application to the <i>USP-NF</i>	Kansas City, MO	\$595



**Upcoming Professional Classroom Education Courses as of September 1, 2007
Europe/Middle East/Africa/India**

Date	Course Title	Location	Price
13-14 Nov-07	Fundamentals of Dissolution (New Title–Dissolution Testing; Theory and Best Practices), (1 day of lecture theory and 1 day of practical hands-on laboratory). Course language English (Course literature German/English)	*SOTAX, Allschwil, Switzerland	EUR 1,500
15-16 Nov-07	Fundamentals of Dissolution (New Title–Dissolution Testing; Theory and Best Practices), (1 day of lecture theory and 1 day of practical hands-on laboratory). Course language English (Course literature French/English)	*SOTAX, Allschwil, Switzerland	EUR 1,500
3-Dec-07	Validation of Compendial Procedures	^ Istanbul, Turkey	^ Call for Information
4-Dec-07	Dissolution Testing; Theory and Best Practices (formerly Fundamentals of Dissolution)	^ Istanbul, Turkey	^ Call for Information

Notes:

*To register, contact Sotax AG; Tel (+41) 61 487 54 54; Fax: (+41) 61 482 13 31; email: sales@sotax.ch
Link: <http://www.sotax.com/sotax/events.html>

^ To register, contact: Ekin Kimya Ticaret Limited Sirketi, Bulgurlu Mahallesi, Sarigazi Cad. No. 29, Camlica-Uskudar 34696 Istanbul, Turkey, Phone: +216 524 12 24, Fax: +216 524 12 80-81;
pinar@ekinkimya.com Link: <http://www.ekinkimya.com>



New Notices Pertaining to USP–NF (<http://www.usp.org/USPNF/notices/?h>) Return to Top

Revision Bulletin: Nothing New

Explanatory Notes/Announcements: Updated Range for USP Prednisone Tablets Reference Standard—07/16/07

Eratta: Erratum to <788> Particulate Matter in Injections and the USP Particle Count Reference Standard—08/01/07

Postponements: USP Issues Postponement for Norgestimate and Ethinyl Estradiol Tablets Monograph Effective August 1, 2007—08/01/07

Stimuli Articles

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Featured in PF 33 (5), September—October 2007

Toward a Uniform System for Naming Vaccines and Polyclonal Immune Globulins

<http://www.usp.org/pdf/EN/USPNF/Vol33No5Stimuli.pdf>

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Tip of the Month

Attend free seminars on timely USP topics at a USP Customer Day. For location and registration information, please visit <http://www.usp.org/products/USPCustomerDays/>

Question of the Month

What is the *Food Chemicals Codex*?

Answer:

The *Food Chemicals Codex (FCC)* is a compendium of internationally recognized standards for purity and identity of food-grade substances. Published since 1966, *FCC* allows manufacturers of food, food chemicals, and food additives to comply with standards that have been created and vetted by a highly rigorous and transparent scientific process. To learn more about the *FCC*, including the revision and comment process, please visit <http://www.usp.org/fcc/>