

**March 2009**

Table of Contents

[Reference Standards Highlights](#)

- [New Reference Standards Now Available](#)
- [Previously Out-of-Stock Items Now Available](#)
- [Backorder Availability Estimates, February 23, 2009](#)
- [Items with New Package Size or Description](#)
- [RS Lots That Are No Longer Valid](#)
- [Items with New Lots](#)

[USP Publication Highlights](#)

- [Be prepared to meet 2009 standards. Order *USP 32-NF 27* today!](#)
- [2009 *USP Dictionary* features more than 4,500 updates! Available April 1.](#)
- [New *USP Dietary Supplements Compendium*—Save \\$50 through May 15!](#)
- [The *Chinese Pharmacopoeia 2005* English Edition Now Available from USP](#)

[Event Highlights](#)

- [USP Customer Days—Coming to a City Near You!](#)

[Pharmacopeial Education](#)

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

[Compendial Highlights](#)

- [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 Catalog](#) ▶ [USP Pharmacopial Education Catalog](#)

In order to provide you more current information in each Notice we are changing the delivery date to better coincide with internal updating of relevant USP information. Starting in April, the Email Notice will be sent out the third Wednesday of the month. Look for the April Email Notice on April 15.

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have been discontinued/have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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



New Reference Standards Now Available

Catalog #	Description	Size	Lot	Price (USD)
1140666	Cloprostenol Sodium	400 mg	F0H392	\$1695
1188560	Diclazuril	200 mg	F0H416	\$194
1188571	Diclazuril System Suitability Mixture	50 mg	F0H404	\$605
1231615	Ecamsule Related Compound A	50 mg	F0H400	\$605
1231648	Ecamsule Related Compound D	50 mg	F0H421	\$605
1231659	Ecamsule Related Compound E	25 mg	F0H429	\$605
1231681	Ecamsule Related Compound G	25 mg	F0H432	\$605
1235911	Enrofloxacin Related Compound Mixture	50 mg	F0H395	\$605
1266802	N-Ethylpiperazine	0.5 mL	F0H382	\$605
1269913	Fentanyl Related Compound A	100 mg	F0H141	\$605
1269924	Fentanyl Related Compound B	10 mg	F0H397	\$605
1269946	Fentanyl Related Compound D	10 mg	F0H406	\$605
1269957	Fentanyl Related Compound E	10 mg	F0H419	\$605
1269979	Fentanyl Related Compound G	10 mg	F0H407	\$605
1283324	Foscarnet Related Compound D	0.27 mL	F0G331	\$605
1292336	Glimepiride Related Compound C	20 mg	F1H423	\$605
1414036	Methotrexate Related Compound C	50 mg	F0H357	\$605
1481248	Oxaliplatin Related Compound D	10 mg	F0H336	\$605
1612528	Sertraline Hydrochloride Related Compound A	25 mg	F0H425	\$618
1680018	Triamterene Related Compound A	50 mg	F0H403	\$605
1680030	Triamterene Related Compound C	50 mg	F0H410	\$626

Previously Out-of-Stock Items Now Available

Catalog #	Description	Size	Lot	Price (USD)
1078766	Bupropion Hydrochloride Related Compound C	40 mg	G1H220	\$658
1206006	Dimenhydrinate	200 mg	J1H302	\$185
1598314	Ramipril Related Compound A	30 mg	G0H441	\$615
1601805	Residual Solvent Class 2- Toluene	1.2 mL/ ampule; 3 ampules	G0H453	\$194
1614002	Sodium Fluoride	1 g	I1H448	\$194

[Table of Contents](#)



Backorder Availability Estimates, February 23, 2009

Catalog #	Description	Expected Availability*
1187003	Dibucaine Hydrochloride (200 mg)	Q1/09
1270446	Fexofenadine Related Compound C (15 mg)	Q2/09
1291559	Ginkgo Terpene Lactones (50 mg)	Q1/09
1471007	Norethynodrel (200 mg)	Q2/09
1500262	Paroxetine Related Compound E Mixture	Q3/09
1673828	Trenbolone Acetate CIII (200 mg)	Q1/09
1683504	Trientine Hydrochloride (125 mg)	Q1/09
1717708	Vitexin (30 mg)	Q1/09

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

Items with New Package Size or New Description

Catalog #	Description	Old Size	New Size	Lot	Price (USD)
1206006	Dimenhydrinate	100 mg	200 mg	J1H302	\$185
1598314	Ramipril Related Compound A*	20 mg	30 mg	G0H441	\$615

*The chemical name has changed by the addition of a dash from ((2S,3aS,6aS)-1-[(S)2-[[**(S)**1-(methoxycarbonyl)-3-phenylpropyl]amino]-1-oxopropyl]-octahydrocyclopenta[b]pyrrole-2-carboxylic acid) to ((2S,3aS,6aS)-1-[(S)2-[[**(S)**-1-(methoxycarbonyl)-3-phenylpropyl]amino]-1-oxopropyl]-octahydrocyclopenta[b]pyrrole-2-carboxylic acid)

[Table of Contents](#)



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 February 28, 2009				
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1012633	Albuterol Sulfate (200 mg)	J (02/09)	K0G284	\$194
1054000	Benzocaine (500 mg)	J0C130 (02/09)	J1G214	\$194
1097705	Cefoperazone Dihydrate (200 mg)	H (02/09)	H1G369	\$194
1107401	Chloramphenicol Palmitate Nonpolymorph A (200 mg)	F-1 (02/09)	G0H179	\$605
1140338	Clonazepam Related Compound B (25 mg)	H (02/09)	I0G326	\$605
1046089	N-Demethylazithromycin (15 mg)	F0E068 (02/09)	G0H164	\$605
1173246	Desogestrel Related Compound A (15 mg)	F0B279 (02/09)	G0G004	\$605
1188800	Diclofenac Sodium (200 mg)	H0B150 (02/09)	H1F335	\$194
1229001	Droperidol (250 mg)	I0C029 (02/09)	I1G375	\$194
1278109	Fluorometholone Acetate (200 mg)	F (02/09)	F1G190	\$194
1460725	Nevirapine Related Compound A (15 mg)	F0D035 (02/09)	G0G272	\$605
1478593	Ondansetron Related Compound A (50 mg)	F1F240 (02/09)	G0G305	\$605
1493000	Pamoic Acid (250 mg)	G-4 (02/09)	H0G380	\$194
1528501	Phentermine Hydrochloride CIV (200 mg)	H0B309 (02/09)	H1G389	\$257
1587001	Pyridoxine Hydrochloride (200 mg) (Vitamin B6)	P (02/09)	Q0G409	\$194
1592001	Pyrvinium Pamoate (500 mg)	G (02/09)	G1H093	\$194
1604009	Rifampin (300 mg)	J (02/09)	K0G365	\$194
1709007	Vancomycin Hydrochloride (4 vials, each vial contains 99,300 mcg of vancomycin activity)	L1D039 (02/09)	M0H006	\$194
1719102	Warfarin Related Compound A (50 mg)	H0E268 (02/09)	I0H022	\$194

No Longer Valid as of March 31, 2009				
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1047503	Bacitracin (1 g) (AS) (Susceptibility disk standard)	G1C254 (03/09)	H0H096	\$194
1067704	Betamethasone Dipropionate (125 mg)	K0C229 (03/09)	L0G377	\$154
1123000	Chlorpheniramine Maleate (125 mg)	M0B020 (03/09)	N0G316	\$154
1046078	Desosaminylazithromycin (15 mg)	F0E067 (03/09)	G0H171	\$605
1185008	Diazepam CIV (100 mg)	I1C364 (03/09)	I2G270	\$257
1225000	Doxapram Hydrochloride (200 mg)	F4C053 (03/09)	G0G110	\$194
1241550	Ergotaminine (100 mg) (List Chemical)	G0B177 (03/09)	H0H017	\$194
1358503	Leuprolide Acetate (200 mg)	F0C430 (03/09)	G0H255	\$1,895
1410002	Methicillin Sodium (500 mg) (AS)	J0C333 (03/09)	K0H338	\$194
1471007	Norethynodrel (200 mg)	G (03/09)		\$194
1604508	Rimantadine Hydrochloride (300 mg)	F0C266 (03/09)	G0H143	\$194
1651621	Delta-9-Tetrahydrocannabinol (1 mL)	F0G081 (03/09)	G0H324	\$226
1708773	Valsartan Related Compound A (10 mg)	G0G149 (03/09)	H1H329	\$775



No Longer Valid as of April 30, 2009					
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)	
1009005	Acetylcysteine (200 mg)	H1B169 (04/09)	I0G320	\$194	
1030001	Amobarbital CII (200 mg)	F-2 (04/09)	F3G273	\$257	
1040708	Apigenin-7-glucoside (30 mg)	F (04/09)	G0H057	\$605	
1074007	Bisacodyl (125 mg)	I1B162 (04/09)	J0G408	\$154	
1078325	Bumetanide Related Compound A (10 mg)	G0F031 (04/09)	H0G264	\$605	
1082708	Butylated Hydroxytoluene (500 mg)	F0D122 (04/09)	F1G286	\$194	
1097104	Cefadroxil (200 mg)	I1B319 (04/09)	J0H018	\$194	
1098129	Ceftazidime, Delta-3-Isomer (10 mg)	H0E106 (04/09)	I0G189	\$605	
1134233	Citalopram Hydrobromide (125 mg)	F0F157 (04/09)	F1G292	\$349	
1242000	Erythromycin (250 mg)	M1E251 (04/09)	N0G117	\$194	
1242032	Erythromycin Related Compound N (50 mg)	F2A023 (04/09)	G0H032	\$605	
1270005	Fentanyl Citrate CII (100 mg)	K0C264 (04/09)	L0G319	\$299	
1302305	Halazepam CIV (200 mg) (AS)	F1C224 (04/09)	G0H075	\$257	
1303002	Haloperidol (200 mg)	I (04/09)	I1G285	\$194	
1319002	Hydrocortisone Hemisuccinate (200 mg)	I0D343 (04/09)	J0H091	\$194	
1370350	Lorazepam Related Compound D (25 mg)	G0A014 (04/09)	H0H002	\$605	
1396502	Methacrylic Acid Copolymer Type B (200 mg)	G0B141 (04/09)	H0G385	\$194	
1399001	Methamphetamine Hydrochloride CII (125 mg)	I (04/09)	I1G299	\$257	
1415006	Methotrimeprazine (200 mg)	F-2 (04/09)	F3G335	\$194	
1430305	Methyl Laurate (500 mg)	G0C356 (04/09)	H0H035	\$194	
1443307	Mezlocillin Sodium (350 mg)	G (04/09)	H0H213	\$194	
1444004	Minocycline Hydrochloride (200 mg)	I0C178 (04/09)	I1G208	\$194	
1457301	Naproxen (200 mg)	I-1 (04/09)	J0H044	\$194	
1463600	Nifedipine Nitrophenylpyridine Analog (25 mg)	K (04/09)	K1G378	\$605	
1477900	Octinoxate (500 mg) (Octyl Methoxycinnamate)	H0D213 (04/09)	I0G246	\$194	
1495005	Papain (1 g)	I1F174 (04/09)	J0H138	\$194	
1645006	Testolactone CIII (125 mg)	F-1 (04/09)	F2E319	\$206	
1653004	Theophylline (200 mg)	J0B180 (04/09)	J1H052	\$194	
1667406	Timolol Maleate (200 mg)	G-1 (04/09)	H0H046	\$194	



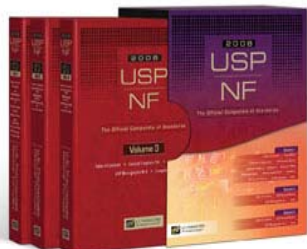
Items with New Lots

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1046001	Azathioprine (200 mg)	H (01/10)	H1H303	\$194
1068004	Betamethasone Sodium Phosphate (500 mg)	LOG223 (05/08)	M0H437	\$194
1098049	Cefprozil (E)-Isomer (50 mg)	G0D341 (02/10)	H0H115	\$605
1131009	Cholecalciferol (30 mg/ampule; 5 ampules) (Vitamin D3)	N0G038 (02/10)	O0H413	\$198
1134062	Cimetidine (200 mg)	I1C081 (02/10)	J0H291	\$194
1140247	Clomipramine Hydrochloride (200 mg)	F0C075 (02/10)	G0H405	\$194
1140418	Clonidine Related Compound A (25 mg) (Acetylclonidine)	F0C373 (02/10)	G0H265	\$605
1206006	Dimenhydrinate (200 mg)	J0B055 (02/10)	J1H302	\$194
1235900	Enrofloxacin (200 mg)	F0E094 (02/10)	G0H417	\$194
1551150	Potassium Sucrose Octasulfate (300 mg)	I0B283 (02/10)	J0H340	\$194
1593401	Quinapril Hydrochloride (400 mg)	F0C112 (02/10)	G0H422	\$404
1598314	Ramipril Related Compound A (20 mg)	F0C100 (02/09)		\$605
1601805	Residual Solvent Class 2 - Toluene (1.2 mL/ampule; 3 ampules)	F0D042 (02/10)	G0H453	\$194
1614002	Sodium Fluoride (1 g)	I0E033 (02/10)	I1H448	\$194
1647001	Testosterone Cypionate CIII (200 mg)	H0D162 (12/09)	I0G361	\$257
1711406	Verapamil Related Compound B (50 mg)	G (01/10)	H0H120	\$605

[Table of Contents](#)

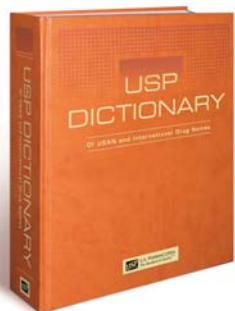


USP Publication Highlights



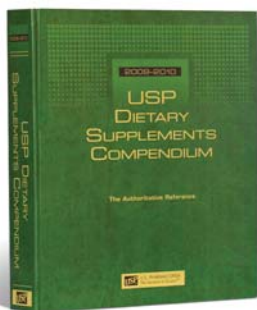
Be prepared to meet 2009 standards. Order *USP 32–NF 27* today!

Be prepared to meet new and revised *USP–NF* standards that become official May 1, 2009. *USP 32–NF 27* through the *First Supplement* contains significant new information: more than 200 new and revised monographs and 16 new and revised General Chapters! Order 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).



2009 *USP Dictionary* features more than 4,500 updates! Available April 1

The new *USP Dictionary of USAN and International Drug Names* publishes in April. Features includes significant updates for generic and brand drug names, pronunciations, chemical structures, UNII codes, and more. Available in print and online formats. To order, visit 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).

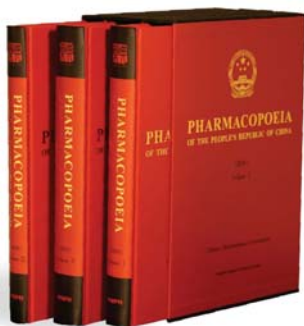


New *USP Dietary Supplements Compendium*—Save \$50 through May 15!

The new *USP Dietary Supplements Compendium (DSC)*, publishing in the spring, combines *USP–NF* standards with information from the *Food Chemicals Codex, Sixth Edition*; regulatory and industry documents; and helpful tools and resources. The *DSC* will be published every two years in hardcover print, English only.

Order your copy through May 15, 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 (Europe).



***The Chinese Pharmacopoeia 2005* English Edition Now Available from USP**

Prepared in accordance with the principles and design plan decided by the Eighth Chinese Pharmacopoeia Commission and its Secretariat over more than two years, *The Chinese Pharmacopoeia 2005* features more than 3,200 drug monographs, with 525 new admissions, and other new revisions. Translated into English. To learn more or order, contact USP Customer Service at +1-301-881-0666, 1-800-227-8772 (U.S. and Canada), or 00-800-4875-5555 (Europe).

[Table of Contents](#)

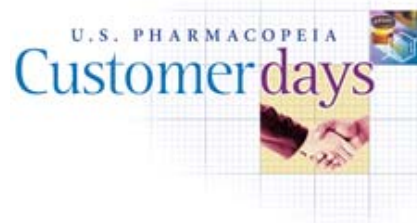


Event Highlights

USP Customer Days—Coming to a City Near You!

The USP Account Management Team is traveling across the U.S. and Canada holding free seminars to discuss USP publications, Reference Standards, USP Verified Services, Pharmacopeial Education, new initiatives, and scientific hot topics.

The next meeting is scheduled for Rockville, MD (May 11, 2009). Registration and more information are available at www.usp.org/products/USPCustomerDays/ or contact: uspcustomerday@usp.org



Visit the USP booth #4513 at Pittcon on March 9-12, 2009 in Chicago

Hot Topic Meetings

Metal Impurities (April 28–29)

Adulteration of Food Protein - The Need for New Prevention Strategies (June 16 -17, 2009)

Enzymes (July 8-9, 2009): [Register](#)

Excipients (July 20-21, 2009)

Bioassays (August 12-13, 2009)

Topical Dermal Dosage Forms Workshop (September 14-15, 2009)

Pharmacopeial Education

New USP Pharmacopeial Education Online Catalog—www.uspeducation.com

Get the details on current and upcoming education offerings, including new 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

Dissolution: Theory and Best Practices

USP is offering this popular course in two configurations: as a lecture and as a lecture and lab. You will acquire focused, relevant instruction on the fundamentals of pharmaceutical dissolution testing as described in USP General Chapter <711> and gain an overview of the theory, practice, and history of dissolution. You will also learn the practical aspects of conducting dissolution tests, best practices, and performance verification testing.

One Day—Classroom Lecture Only Cost: US \$695

May 5, 2009; Lecture ONLY location TBD

[Click here](#) to register.

Two Day—Classroom Lecture and Lab: US \$1,495

May 5–6, 2009; conducted at Distek Headquarters, NJ

[Click here](#) to register.



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

This unique course, developed in conjunction with Mettler-Toledo, provides an in-depth look at the factors that contribute to weighing uncertainty as well as practical advice on how to avoid common mistakes in the lab. You will learn about balance selection, apparatus use, and maintenance testing programs.

Classroom Cost: US \$795

Upcoming Dates and Locations:

June 2, 2009; San Francisco, CA

[Click here](#) to register.

June 4, 2009; Somerset, NJ

[Click here](#) to register.

Aseptic Processing and Compliance Tools for *USP <797>* **SAVE \$575, for a limited time only!**

Conducted in association with the Star Center, this course is designed to provide practical experience to successfully implemented *USP <797>* requirements in healthcare settings. Participants will earn 21 hours of CE credit, including 1 hour of law credit. Topics include

- How primary and secondary engineering controls contribute to airflow velocity, direction, and ultimately ISO classification
- Best and worst practices of aseptic technique
- Proper hand washing and gowning requirements
- Aseptic technique in LAFWs and isolators in a clean room environment
- Performing a media fill challenge
- Determining the key issues to manage a clean room contractor successfully
- Proper people and product movement and workflow in anteroom and clean room areas
- History of sterile compounding in pharmacy practice and the role of training in pharmacy compliance and practice excellence

Classroom Cost: US ~~\$2,075~~ **Now \$1,500! Offer available through March 31, 2009.**

Upcoming Date and Location:

March 18–20, 2009; Denver, CO

(For additional course dates, [click here](#).)

[Click here](#) to register.

On-demand Modules 1 and 2 for “Developing Compendial HPLC Practices” are now available! (\$149)

This course provides an introduction to the basic concepts, calculations, and underpinnings of high performance liquid chromatography (HPLC) as applied in everyday practice for quality control and assurance in the pharmaceutical industry.

[Click here](#) to register.



On-demand Online Courses on Food Ingredient Standards

Learn about food ingredient standards in the *Food Chemicals Codex (FCC)* and how you can help shape them with this special webinar series. (Click course title for more information, or click “Register” to take the course.)

[Introduction to the New FCC](#) (\$99)

[“Register”](#)

[Navigating the FCC](#) (\$99)

[“Register”](#)

[How to Use the FCC Forum—Making the FCC Your Own](#) (\$99)

[“Register”](#)

[How to Develop an FCC Monograph](#) (\$99)

[“Register”](#)

Compounding Sterile Preparations <797> Webinar Series—Save \$30 through March 31, 2009 (regularly priced at \$150 per course)!

On-demand courses available at a fraction of the cost of the live classroom sessions. (Click course title for more information, or click “Register” to take the course.)

[Microbial Contamination and Sterilization](#) (\$150, \$120)

[“Register”](#)

[Disinfectant Cleansing and Garbing](#) (\$150, \$120)

[“Register”](#)

[Microbial Contamination, Media Fill Testing, and Hazardous Drugs](#) (\$150, \$120)

[“Register”](#)

[Environmental Monitoring Controls and Facility Design](#) (\$150, \$120)

[“Register”](#)

[Radiopharmaceuticals, Sterilization Methods, and Specialty CSPs](#) (\$150, \$120)

[“Register”](#)

Upcoming Pharmacopeial Education Courses Worldwide

- [Advanced Dissolution](#)
- [Aseptic Processing and Compliance Tools for USP <797>](#)
- [Dissolution: Theory and Best Practices](#)
- [Effectively Using Reference Standards](#)
- [Residual Solvents: Practical Applications of Chapter <467>](#)
- [Validation of Compendial Procedures](#) (with a new module on Verification)

Subscribe to the Pharmacopeial Education Email Bulletin

USP Pharmacopeial Education is developing several new courses for introduction in 2009. Stay informed of our new curriculum and upcoming schedule by [subscribing now](#) to the Pharmacopeial Education Bulletin.



Compendial Highlights

Monograph Redesign—USP is seeking comments for proposed design changes to all monographs contained in the *USP–NF*. In November and December, USP posted monographs on its Web site, on a staggered basis, in alphabetically ordered sets, for comment. The comment period is 90 days for each set. 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.

Website Redesign—USP launched a redesigned and reorganized USP–NF section of its public Web site, USP.org. These changes were part of an effort to separate official text from general announcements, streamline and clarify the Accelerated Revision Processes, improve general navigation of this section, and make finding Stimuli articles and Web pages related to the USP–NF more user-friendly. This upgrade implemented a number of enhancements click [here](#) for details.

Sign up to receive Updates electronically at

<http://www.usp.org/support/products/uspNewslettersRequest.html?promo=compendial>

New Official Text

Revision Bulletins:

[Glycerin Monograph](#) (02/04/09)

[Amoxicillin and Clavulanate Potassium Tablets Monograph](#) (01/30/09)

[Cilostazol Tablets Monograph](#) (01/30/09)

[Diclofenac Sodium Extended-Release Tablets Monograph](#) (01/30/09)

[Etodolac Extended-Release Tablets Monograph](#) (01/30/09)

[Fexofenadine Hydrochloride and Pseudoephedrine Hydrochloride Extended-Release Tablets Monograph](#) (01/30/09)

[Lycopene Monograph](#) (01/30/09)

[Lycopene Preparation Monograph](#) (01/30/09)

[Tomato Extract Containing Lycopene Monograph](#) (01/30/09)

Compendial Notices

General Announcements: Nothing New

Intent to Revise: Nothing New

Stimuli Articles

Featured in *PF 35(2)*, March–April 2009

[A Discussion of Net Water Gain for Water Vapor Transmission Rate Determinations](#)  (535KB)



Tip of the Month

Glycerin Information: The USP Excipient Monographs 1 Expert Committee has approved revisions to the monograph to include a **0.10%** limit of DEG and EG in the Identification test of the USP Glycerin Monograph. The Glycerin Monograph has been posted as a Revision Bulletin in the [New Official Text](#) section of the USP Web site, and will become official **May 1, 2009**.

Note: The Glycerin Monograph Revision Bulletin supersedes the monograph in USP 32-NF 27 until it is printed in the USP-NF Second Supplement, which will be released **June 1, 2009**.

Heparin Information: The USP Heparin Advisory Panel, which reports to the USP Biologics and Biotechnology Blood and Blood Products Expert Committee, recommended that further changes be implemented to strengthen the Heparin monographs. These Stage 2 revisions will be presented in Pharmacopeial Forum 35(2) March-April 2009 as proposed Interim Revision Announcements and are presented [here](#) for public review and comment.

The Stage 2 revisions cover the Heparin Sodium and Heparin Sodium Injection monographs and include new methodologies for identification, the development of a new potency assay and tests for impurities. In addition, the heparin potency unit has been harmonized with the International Unit (IU).

Comments will be accepted until **May 15, 2009**. Subject to consideration of public comments and approved by the USP Biologics and Biotechnology Blood and Blood Products Expert Committee, the proposed new Heparin monographs are slated to become official **August 1, 2009**. Comments on the standards should be sent to heparin@usp.org.

Question of the Month

How do I know if a particular monograph or general chapter has been harmonized?

General Chapter <1196> provides information about the concept of harmonization by the Pharmacopeial Discussion Group and includes a status report.