



July 2012

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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 June 2012; backordered items with estimated availability dates; items that have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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](http://www.usp.org/products).

**The Reference Standards Release Notification Service** can be used to notify you when a new never-before-released Reference Standard becomes available. The Notification Service does not communicate the release of back-ordered items or lot changeovers. To participate in the New Reference Standards Release Notification Program, please fill out the form online at [www.usp.org/reference-standards/find-reference-standard/notification-service](http://www.usp.org/reference-standards/find-reference-standard/notification-service).

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## New Reference Standards Now Available

Catalog #	Description	Size	Lot	Price (USD)
1003100	Acetaminophen Related Compound J	50 mg	F0L222	\$636
1029929	Ammonium Glycyrrhizate	100 mg	F0L228	\$204
1040016	Antipyrine Related Compound A	25 mg	F0L242	\$636
1040854	Apocarotenal	50 mg x 3	F0K231	\$204
1045541	Azacitidine Related Compound B	15 mg	F0L164	\$636
1237600	Epoprostenol Sodium	100 mg	F0L201	\$1994
1237622	Epoprostenol Related Compound B	15 mg	F0L234	\$636
1238228	Eprosartan Related Compound A	20 mg	F0L248	\$636
1238239	Eprosartan Related Compound B	15 mg	F0L243	\$636
1238240	Eprosartan Related Compound C	25 mg	F0L244	\$636
1424209	Methylbenzhydrol	50 mg	F0L175	\$636
1463224	Nicardipine Hydrochloride	200 mg	F0L227	\$204
1601394	Residual Solvent Class 2- Cumene	1.2 mL/ ampule; 3 ampules	F0L035	\$204
1733119	Meso-Zeaxanthin	30 mg x 5	F0K295	\$204

## Previously Out-of-Stock Items Now Available None

## Backorder Availability Estimates, July 9, 2012

Catalog #	Description	Expected Availability*
1446859	Montelukast Sodium (150 mg)	Q3/12
1572558	Propofol Related Compound C (50 mg)	Q3/12
1651621	Delta-9-Tetrahydrocannabinol (1 mL)	Q3/12
1700002	Trypsin Crystallized (300 mg) (COLD SHIPMENT REQUIRED)	Q3/12

\*Dates are targets and may change at any time. Q3/12=July–September 2012

## Items with New Package Size or New Description

Catalog #	Description	Old Size	Size	Lot	Price (USD)
1029013	Amitriptyline Related Compound A	30 mg	25 mg	G0K409	\$636
1029512	Amlodipine Related Compound A	25 mg	15 mg	G0L172	\$636
1096600	Carisoprodol CIV*	1 g	1 g	H1L295	\$270
1287325	Gabapentin Related Compound A**	50 mg	50 mg	I0K238	\$620
1547936	Polysorbate 40***	2 g	2 g	F1K235	\$199
1548407	Potassium Sorbate***	1 g	1 g	G0K358	\$199
1600824	Repaglinide Related Compound A	25 mg	10 mg	H0L007	\$636
1614396	Sodium Metabisulfite***	1 g	1 g	F1L076	\$204

\*This item has changed to CIV

\*\*The chemical name of this item has changed from 3,3-pentamethylene-5-butyrolactam to 2-Azaspiro[4.5]decan-3-one

\*\*\*This item has changed from an Authentic Substance to a Reference Standard

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## RS Lots That are No Longer Valid

These Tables list 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 June 30, 2012					
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)	
1098005	Cefotiam Hydrochloride (350 mg)	G0B050 (06/12)	H0J328	\$204	
1140597	Clopidogrel Related Compound B (20 mg)	G1H047 (06/12)	G2J411	\$772	
1158005	Cycloserine (250 mg)	H0F342 (06/12)	H1J318	\$204	
1171455	Dermatan Sulfate (25 mg) (COLD SHIPMENT REQUIRED)	F0I068 (06/12)	F1J362	\$636	
1179741	Dextran 70 (50 mg)	F0C260 (06/12)	F1J372	\$204	
1187207	Dichloralphenazone <b>ClV</b> (200 mg)	F0B010 (06/12)	G0K269	\$270	
1239504	Ergoloid Mesylates (300 mg)	I (06/12)	J0J384	\$204	
1287358	Gabapentin Related Compound D (10 mg)	F1I249 (06/12)	G0K189	\$636	
1292303	Glimepiride (200 mg)	F1H150 (06/12)	G0K135	\$314	
1356847	Lamivudine Resolution Mixture A (10 mg)	F0D024 (06/12)	F1K002	\$636	
1444004	Minocycline Hydrochloride (350 mg)	I1G208 (06/12)	J0J275	\$204	
1478516	Omeprazole Related Compound A (15 mg)	F0D363 (06/12)	G0J410	\$636	
1478630	Ondansetron Resolution Mixture (50 mg)	F0D242 (06/12)	G0K261	\$636	
1491300	Oxytocin (5 vials, 46 USP units per vial) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	F1G134 (06/12)	F2K133	\$204	
1643394	Tazobactam Related Compound A (20 mg)	F0G123 (06/12)	G0K022	\$636	

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No Longer Valid as of July 31, 2012					
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)	
1090739	Capecitabine Related Compound C (10 mg)*	G0I370 (07/12)	H0L147	\$636	
1098184	Ceftriaxone Sodium (350 mg)	G1D265 (07/12)	H0J296	\$204	
1098220	Cefuroxime Axetil (350 mg)	G (07/12)	H0K039	\$204	
1104006	Cetylpyridinium Chloride (500 mg)	J0D299 (07/12)	J1K032	\$204	
1133004	Cholestyramine Resin (500 mg)	I (07/12)	J0J386	\$162	
1140101	Clomiphene Related Compound A (100 mg)	F1B206 (07/12)	F2K006	\$636	
1154569	Beta Cyclodextrin (250 mg)	G1G216 (07/12)	H0K030	\$204	
1193505	Diethyl Phthalate (200 mg)	G (07/12)	G1J427	\$204	
1229001	Droperidol (250 mg)	I1G375 (07/12)	J0K154	\$204	
1270800	Flecainide Acetate (200 mg)	F2A022 (07/12)	G0K124	\$204	
1337004	Iminodibenzyl (25 mg)	I0C253 (07/12)	I1K213	\$636	
1342300	Insulin (Pork) (6.25 mg/ vial; 2 vials)*	F (07/12)	G0K309	\$204	
1374000	Magaldrate (200 mg)	F-1 (07/12)	G0K370	\$204	
1392002	Mercaptopurine (500 mg)	J0G300 (07/12)	K0K074	\$204	
1499403	Paricalcitol (10 mg)*	H0H426 (07/12)	I0J338	\$1,994	
1499414	Paricalcitol Solution (3 mL)*	H0I227 (07/12)	I0J286	\$381	
1502701	Penicillin G Sodium (150 mg)	L4C366 (07/12)	M0J423	\$204	
1554658	Praziquantel Related Compound A (20 mg)	G0F142 (07/12)	G1K061	\$636	
1576708	Propylene Glycol (1 mL)	K0H231 (07/12)	L0J287	\$204	
1612641	Silydianin (20 mg)	G0F200 (07/12)	H0K052	\$204	
1714007	Vincristine Sulfate (50 mg)	Q0J245 (07/12)	R0K248	\$625	
1716002	Retinyl Acetate (Vitamin A) (10 ampuls x 0.5 g)	X0I156 (07/12)	X1K125	\$204	
1090739	Capecitabine Related Compound C (10 mg)*	G0I370 (07/12)	H0L147	\$636	

\*COLD SHIPMENT REQUIRED

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## No Longer Valid as of August 31, 2012

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1021000	Aminocaproic Acid (200 mg)	G0D101 (08/12)	H0K201	\$204
1076308	Bleomycin Sulfate (15 mg)	J1G042 (08/12)	K0K126	\$401
1085003	Caffeine (200 mg)	J1D241 (08/12)	K0K210	\$204
1098231	Cefuroxime Axetil Delta-3-Isomers (10 mg)	I0H005 (08/12)	J0K016	\$636
1134018	Ciclopirox (50 mg)	G0G398 (08/12)	G1K115	\$204
1140586	Clopidogrel Related Compound A (20 mg)	G0H250 (08/12)	G1K001	\$772
1187091	Dibutyl Sebacate (1 mL)	F0D128 (08/12)	F1K138	\$204
1200804	Dihydrocodeine Bitartrate <b>CII</b> (200 mg)	I0D205 (08/12)	J0K044	\$270
1220506	Dipyridamole (200 mg)	H1F120 (08/12)	I0K205	\$204
1254508	Estriol (100 mg)	K0H209 (08/12)	L0K175	\$204
1265504	Ethylcellulose (1 g)	I0H084 (08/12)	I1K174	\$204
1287609	Gadopentetate Monomeglumine (500 mg)	G0G222 (08/12)	H0K203	\$204
1288816	Genistein (15 mg)	F0H252 (08/12)	F1K131	\$204
1292325	Glimepiride Related Compound B (20 mg)	F1H420 (08/12)	G0K200	\$636
1344600	Iohexol (200 mg)	G0F254 (08/12)	H0J211	\$213
1362103	Levofloxacin (200 mg)	F0H194 (08/12)	G0J406	\$204
1370600	Lovastatin (125 mg)	H3F071 (08/12)	H4K027	\$162
1431556	Methyl Oleate (500 mg)	G0C148 (08/12)	H0J393	\$204
1465004	Nitrofurazone (200 mg)	I0E149 (08/12)	J0J292	\$204
1481237	Oxaliplatin Related Compound C (20 mg)	F0H348 (08/12)	G0K194	\$636
1504503	Penicillin V Potassium (200 mg)	H0C213 (08/12)	I0J242	\$204
1514008	Phenacetin Melting Point Standard (500 mg) (Approximately 135 degrees)	I0H080 (08/12)	J0J346	\$122
1570304	Propafenone Hydrochloride (200 mg)	H0F302 (08/12)	I0K184	\$204
1612550	Sevoflurane Related Compound A (0.2 mL)	H0H072 (08/12)	I0J319	\$636
1667803	Alpha Tocopheryl Acid Succinate (250 mg) (Vitamin E Succinate)	G0D077 (08/12)	H0J288	\$204
1692709	Trimipramine Maleate (100 mg)	F0G146 (08/12)	G0I372	\$204

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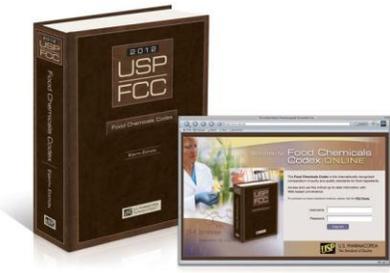
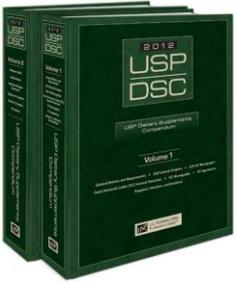
## Items with New Lots

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1062008	Benzyl Benzoate (5 g)	J0C060 (06/13)	K0K392	\$204
1173257	Desogestrel Related Compound B (15 mg)	G0F144 (06/13)	H0K327	\$636
1287358	Gabapentin Related Compound D (10 mg)	G0K189 (07/13)	G1K279	\$636
1317007	Hydrocortisone Acetate (200 mg)	K (06/13)	L0L246	\$204
1359404	Levetiracetam (200 mg)	G0J159 (06/13)	H0K337	\$277
1457505	Natamycin (200 mg)	J0D180 (06/13)	K0K368	\$204
1477502	Octoxynol 9 (200 mg)	G (06/13)	G1L235	\$204
1494895	Pantoprazole Sodium (250 mg)	G0J258 (06/13)	H0L207	\$204
1548407	Potassium Sorbate (1 g)	F0D264 (06/13)	G0K358	\$204
1607007	Saccharin (200 mg)	G4C375 (06/13)	H0L091	\$204
1613564	Sodium Benzoate (1 g)	G0G183 (07/13)	H0L216	\$204
1614396	Sodium Metabisulfite (1 g)	F0D111 (07/13)	F1L076	\$204
1642201	Sumatriptan Succinate (200 mg)	F1E256 (06/13)	G0L156	\$271
1643408	Temazepam <b>CIV</b> (200 mg)	H1G187 (03/13)	I0L082	\$270
1651621	Delta-9-Tetrahydrocannabinol (1 mL)	G0H324 (06/13)	H0K404	\$238
1672210	Topiramate Related Compound A (25 mg)	F0F279 (06/13)	G0L154	\$636
1705301	Ubidecarenone (200 mg) (COLD SHIPMENT REQUIRED)	G0E154 (06/13)	H0L006	\$326
1707839	Valacyclovir Hydrochloride (200 mg)	F0I084 (06/13)	G0K421	\$204
1719102	Warfarin Related Compound A (50 mg)	I0H022 (04/13)	J0K371	\$204

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## USP Publication Highlights

 <p>The image shows the 2012 USP 35-NF 30 Standards in print, online, and USB flash drive formats. A 'New!' badge highlights the USB flash drive format.</p>	<p><b>USP 35–NF 30 Standards Are Now Official. Subscribe Today!</b> The 2012 edition of <i>USP–NF</i> became official and FDA-enforceable beginning May 1, 2012. <i>USP 35–NF 30</i> features</p> <ul style="list-style-type: none"><li>• More than 4,500 monographs</li><li>• Revisions to General Notices</li><li>• New and revised General Chapters: &lt;81&gt; Antibiotics—Microbial Assays; &lt;88&gt; Biological Reactivity Tests, In Vivo; &lt;401&gt; Fats and Fixed Oils; &lt;467&gt; Residual Solvents; &lt;1224&gt; Transfer of Analytical Procedures; and &lt;1226&gt; Verification of Compendial Procedures.</li></ul> <p>Print, online, and new USB flash drive formats. Subscription includes main edition (published Nov. 1, 2011), <i>First Supplement</i> (Feb. 1, 2012) and <i>Second Supplement</i> (Jun. 1, 2012). Subscribe today at <a href="http://www.usp.org/products">www.usp.org/products</a> 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>The image shows the 2012 USP Food Chemicals Codex (FCC) in print and online formats.</p>	<p><b>New Food Chemicals Codex (FCC), Eighth Edition. Save \$100 with Promotion Code HW2BZZ11!</b> The <i>FCC, Eighth Edition</i>, features more than 1,100 monographs, appendices with step-by-step methods, and helpful information for manufacturers, suppliers, and users of food ingredients—including data from the new USP Food Fraud Database. Subscription includes the main edition (published Mar. 1, 2012; effective Jun. 1, 2012), plus three supplements which publish at six-month intervals during the subscription period. Print and online formats. Order at <a href="http://www.usp.org/products/FCC">www.usp.org/products/FCC</a> 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>The image shows the 2012 USP Dietary Supplements Compendium (DSC) in print format.</p>	<p><b>New 2012 Dietary Supplements Compendium (DSC)—Two-Volume Set Available Now! Save 20% with promo code HY3BZZ12!</b> The recently updated <i>DSC</i> has 64 new dietary supplement monographs, 23 Admissions Criteria Safety Reviews, Guidance Documents, ~300 pages of full-color illustrations/images, and more. Two-volume, print format. Order at <a href="http://www.usp.org/store/products-services/dietary-supplements-compedium">www.usp.org/store/products-services/dietary-supplements-compedium</a> 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>The image shows the 2012 USP Dictionary of USAN and International Drug Names in print and online formats.</p>	<p><b>2012 USP Dictionary Features Important Drug Name Updates</b> The new 2012 <i>USP Dictionary of USAN and International Drug Names</i> published Apr. 1 and features more than 2,900 updates! Rely on the <i>USP Dictionary</i> for generic and brand drug names, pronunciations, chemical structures, UNII codes, and more! Print and online formats. Order at <a href="http://www.usp.org/store/products-services/usp-dictionary">www.usp.org/store/products-services/usp-dictionary</a> or call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Europe).</p>

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## Event Highlights

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### **USP User Forums Coming to a City Near You!**

The USP Account Management Team will be traveling around the world holding free seminars to discuss timely USP initiatives and how to use available USP resources to your advantage.

More information including locations and dates is available [here](#), or contact [USPUserForum@usp.org](mailto:USPUserForum@usp.org)

### **Workshops**

USP web forums and workshops encourage discussion of a wide range of current scientific findings and regulatory trends. Participants discuss hot topics that concern the public and exchange practical advice.

Information on workshops is available [here](#).

### **USP 2012 Science & Standards Symposium: Functional Foods and Dietary Supplements—Global Opportunities and Challenges**

September 18–20, 2012, Boston, MA

Join USP and industry, regulatory and academic experts in interactive discussion on cutting-edge topics related to establishing public standards for functional foods and dietary supplements.

View agenda and register today at <http://uspgo.to/boston-s3-2012>.

## Pharmacopeial Education

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USP's Pharmacopeial Education division is dedicated to providing quality education for chemists, scientists and healthcare practitioners in the United States and around the world. We seek to improve the effective implementation of standards that affect best practices for the development, manufacture, regulation, compounding, storage, and dispensing of pharmaceuticals, dietary supplements, food additives, and other therapeutics.

To find a course, please visit [www.usp.org/education/pe/courses.html](http://www.usp.org/education/pe/courses.html)

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## Compendial Highlights

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### [New Official Text](#)

#### Revision Bulletins:

[<788> Particulate Matter in Injections](#) (posted 29-Jun-2012; official 01-Jul-2012; updated 05-Jul-2012)

[Isophane Insulin Human Suspension](#) (posted 29-Jun-2012; official 01-Jul-2012)

[Isophane Insulin Suspension](#) (posted 29-Jun-2012; official 01-Jul-2012)

[Metformin Hydrochloride Extended-Release Tablets](#) (posted 29-Jun-2012; official 01-Jul-2012)

[Olanzapine Tablets](#) (posted 29-Jun-2012; official 01-Jul-2012)

#### IRAs

[Docetaxel](#) (posted 30-Mar-2012; official 01-May-2012)

[Levalbuterol Hydrochloride](#) (posted 30-Mar-2012; official 01-May-2012)

[Levalbuterol Inhalation Solution](#) (posted 30-Mar-2012; official 01-May-2012)

[Mirtazapine Tablets](#) (posted 30-Mar-2012; official 01-May-2012)

#### Errata

[July 2012 Errata Posting](#) (posted 29-Jun-2012)

[May 2012 Errata Posting](#) (posted 27-Apr-2012)

[March 2012 Errata Posting](#) (posted 24-Feb-2012)

[January 2012 Errata Posting](#) (posted 29-Dec-2011)\*

[October 2011 Errata Posting](#) (posted 28-Oct-2011)

[August 2011 Errata Posting](#) (posted 30-Aug-2011)

[June 2011 Errata Posting](#) (posted 30-Jun-2011)

[April 2011 Errata Posting](#) (posted 29-Apr-2011)

[February 2011 Errata Posting](#) (posted 28-Feb-2011)

[December 2010 Errata Posting](#) (posted 30-Dec-2010)

\*Beginning with the December 29, 2011 posting, Errata postings will be named with the month in which they become official.

### [Compendial Notices](#)

#### New

[Call for Candidates: USP Expert Panel on Performance Tests for Semisolid Dosage Forms](#) (posted 05-Jul-2012)

[Notice of Intent to Revise: Heparin Lock Flush Solution](#) (posted 29-Jun-2012)

[Notice of Intent to Revise: Tramadol Hydrochloride](#) (posted 29-Jun-2012)

Sign up to receive updates electronically at [www.usp.org/support-home/opt-information-service](http://www.usp.org/support-home/opt-information-service)

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## [Stimuli Articles](#)

Featured in *PF 38(4)*, July–August 2012

- Revision of USP General Chapter Deliverable Volume <698>
- Revision of General Chapter Radioactivity <821>
- Solubility Criteria for Veterinary Drugs

## Tip of the Month

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Need to contact someone at USP? Check out the USP contact Information at [www.usp.org/contact-us](http://www.usp.org/contact-us).

## Question of the Month

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How can I get notified when the new Reference Standard I am interested in is available?

The Reference Standard Release Notification Program will notify you when a new never-before-released Reference Standard becomes available. The service does not communicate the release of back-ordered items or lot changeovers. For more details and to sign up, please go to [www.usp.org/reference-standards/find-reference-standard/notification-service](http://www.usp.org/reference-standards/find-reference-standard/notification-service).

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