



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dates; items that have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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

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 <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)
1003027	Acetaminophen Related Compound B	50 mg	FOL217	\$636
1003031	Acetaminophen Related Compound C	50 mg	FOL218	\$636
1003042	Acetaminophen Related Compound D	50 mg	FOL221	\$636
1009479	2-Acetylpyridine	1 g	F0K307	\$204
1039152	Allyl Anthranilate	0.5 mL per ampule/5 ampules	FOL016	\$204
1042645	Aripiprazole Related Compound B	25 mg	FOL066	\$636
1042714	Aripiprazole Related Compound H	25 mg	FOL070	\$636
1045539	Azacitidine Related Compound A	15 mg	FOL163	\$636
1071381	Biochanin A	20 mg	FOL141	\$204
1097986	Cefprozil Related Compound D	30 mg	FOL132	\$636
1097997	Cefprozil L-Epimer	30 mg	FOL134	\$636
1098016	Cefprozil Related Compound H	30 mg	FOL133	\$636
1098038	Cefprozil Related Compound K	30 mg	FOL162	\$636
1098062	Cefprozil	200 mg	FOL131	\$204
1133933	Cinnamic Acid	100 mg	FOL161	\$204
1133999	Allyl Cinnamate	5 x 0.5 mL	FOL025	\$204
1225306	Dorzolamide Related Compound D	15 mg	FOL206	\$636
1225317	Dorzolamide Related Compound B	15 mg	FOL205	\$636
1238217	Eprosartan Mesylate	50 mg	FOL238	\$204
1238251	Eprosartan Related Compound D	15 mg	FOL240	\$636
1238262	Eprosartan Related Compound E	15 mg	FOL233	\$636
1353215	Terbinafine Related Compound C	25 mg	FOL183	\$636
1357475	Latanoprost	50 mg	F0J396	\$1600
1424608	Terbinafine Related Compound A	25 mg	FOL182	\$636
1437701	Terbinafine Related Compound D	25 mg	FOL197	\$636
1445448	Mogroside V	100 mg	FOL170	\$554
1445492	Monk Fruit Extract	500 mg	FOL190	\$204
1477604	Octreotide Acetate	80 mg	FOL001	\$624
1477615	Octreotide Non-Cyclic System Suitability Marker	20 mg	FOL002	\$664
1491809	Paliperidone	200 mg	FOL184	\$450
1491818	Paliperidone Related Compound A	20 mg	FOL209	\$636
1491820	Paliperidone Related Compound B	20 mg	FOL215	\$636
1491831	Paliperidone Related Compound C	20 mg	FOL229	\$636
1509019	Powdered Black Pepper Extract	1 g	FOL191	\$204
1510925	Perindopril Related Compound D	25 mg	FOL144	\$636
1598019	Rabeprazole Sodium	200 mg	FOL160	\$335
1598053	Rabeprazole Related Compound D	25 mg	FOL167	\$636
1643339	Tanshinone IIA	20 mg	FOL176	\$222
1643532	Terbinafine Related Compound B	25 mg	FOL196	\$636
1712045	Vigabatrin Related Compound E	30 mg	FOL110	\$636

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Previously Out-of-Stock Items Now Available

Catalog #	Description	Size	Lot	Price (USD)
1150502	Cromolyn Sodium	500 mg	K0L232	\$204
1235820	Enoxaparin Sodium	300 mg	G0L137	\$204
1678005	Triamcinolone Diacetate	350 mg	I0L189	\$204

Backorder Availability Estimates, June 11, 2012

Catalog #	Description	Expected Availability*
1446859	Montelukast Sodium (150 mg)	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)
1078303	Bumetanide	250 mg	125 mg	J0L145	\$204
1134266	Citalopram Related Compound C*	25 mg	25 mg	G0L177	\$636
1235853	Enoxaparin Sodium Molecular Weight Calibrant A	6.2 mg	8.0 mg	G0L138	\$683
1235864	Enoxaparin Sodium Molecular Weight Calibrant B**	6.0 mg	6.0 mg	G0L139	\$683

*The chemical name of this item has changed

** The price of this item has changed

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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 May 31, 2012					
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)	
1042500	L-Arginine (200 mg)	H0I181 (05/12)	I0J237	\$204	
1095517	Carbidopa Related Compound A (25 mg)	H1F245 (05/12)	I1L005	\$636	
1097705	Cefoperazone Dihydrate (200 mg)	H1G369 (05/12)	I0K056	\$204	
1133503	Cholic Acid (2 g)	F3B159 (05/12)	G0J404	\$204	
1136002	Clindamycin Hydrochloride (200 mg)	H0E044 (05/12)	H1K043	\$559	
1193301	Diethylene Glycol Monoethyl Ether (0.5 mL/ampule)	G0C159 (05/12)	G1I320	\$204	
1224992	Donepezil Related Compound A (25 mg)	F0J070 (05/12)	G0K187	\$636	
1233009	Edetate Disodium (200 mg)	I0D405 (05/12)	J0J421	\$204	
1236506	4-Epianhydrotetracycline Hydrochloride (50 mg)	K0F299 (05/12)	L0J359	\$636	
1285873	Fluticasone Propionate (100 mg)	F0F036 (05/12)	G0K029	\$1,005	
1287369	Gabapentin Related Compound E (10 mg)	F0E190 (05/12)	F1J405	\$636	
1409502	Methenamine Hippurate (200 mg)	F1H344 (05/12)	G0K181	\$204	
1417001	Methoxsalen (200 mg)	H (05/12)	I0K139	\$204	
1441265	Metoprolol Related Compound D (50 mg)	G0E188 (05/12)	H0K146	\$680	
1448956	Mycophenolate Mofetil (200 mg)	F0G372 (05/12)	G0J078	\$204	
1461003	Niacin (200 mg)	I0E295 (05/12)	J0J235	\$204	
1474504	Noscapine (100 mg)	G (05/12)	H0K132	\$204	
1516502	Phendimetrazine Tartrate CIII (350 mg)	G (05/12)	H0J146	\$270	
1555005	Prednisolone (200 mg)	N0D212 (05/12)	N1J277	\$204	
1568007	Progesterone (200 mg)	I0D373 (05/12)	I1J239	\$162	
1601601	Residual Solvent Class 2 - Hexane (1.2 mL/ampule; 3 ampules)	F0D268 (05/12)	G0K012	\$204	
1613804	Sodium Chloride (1 g)	G0H275 (05/12)	H0K004	\$204	
1672206	Topiramate (150 mg)	G0I135 (05/12)	H0K055	\$271	

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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 CIV (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

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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Items with New Lots

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1029002	Amitriptyline Hydrochloride (200 mg)	J0A004 (05/13)	K0L010	\$204
1034807	Anastrozole (200 mg)	F0H034 (05/13)	G0L030	\$326
1078303	Bumetanide (125 mg)	I0C111 (05/13)	J0L145	\$204
1086108	Calcifediol (75 mg)	G1E064 (05/13)	G2K349	\$636
1090728	Capecitabine Related Compound B (20 mg)	F1I333 (05/13)	F2K212	\$636
1090739	Capecitabine Related Compound C (10 mg) (COLD SHIPMENT REQUIRED)	G1J413 (05/13)	H0L147	\$636
1130006	Chlorthalidone (200 mg)	I0C255 (06/13)	I1L127	\$204
1134266	Citalopram Related Compound C (25 mg)	F0G048 (05/13)	G0L177	\$636
1194009	Diethylpropion Hydrochloride CIV (200 mg)	I0G127 (05/13)	J0L029	\$270
1234125	Efavirenz Related Compound A (20 mg)	F0I384 (06/13)	F1L237	\$636
1234136	Efavirenz Related Compound C (20 mg)	F0I394 (06/13)	F1L211	\$636
1234147	Efavirenz Related Compound B (15 mg)	F0J183 (06/13)	F1L236	\$636
1235820	Enoxaparin Sodium (300 mg) (COLD SHIPMENT REQUIRED)	F0I110 (02/13)	G0L137	\$204
1235853	Enoxaparin Sodium Molecular Weight Calibrant A (8.0 mg) (COLD SHIPMENT REQUIRED)	F0H193 (05/13)	G0L138	\$683
1235864	Enoxaparin Sodium Molecular Weight Calibrant B (6.0 mg) (COLD SHIPMENT REQUIRED)	F0H241 (05/13)	G0L139	\$683
1269390	Felodipine Related Compound A (15 mg)	G0I105 (05/13)	H0L149	\$636
1292610	Glipizide Related Compound B (15 mg)	F0G049 (05/13)	G0L012	\$636
1302156	Guanine (100 mg)	F0H363 (05/13)	G0K414	\$204
1424018	Methyclothiazide Related Compound A (50 mg)	G (05/13)	H0J425	\$636
1460725	Nevirapine Related Compound A (15 mg)	H0I346 (05/13)	H1K372	\$636
1478800	Orlistat (200 mg)	F0G243 (05/13)	G0L008	\$450
1485191	Oxycodone CII (200 mg)	K0G276 (04/13)	L0K381	\$270
1530503	L-Phenylalanine (200 mg)	I0G255 (05/13)	I1K436	\$204
1547200	Polyoxyl 35 Castor Oil (1 g)	F0E116 (05/13)	G0K035	\$204
1643496	Terbinafine Hydrochloride (200 mg)	F0G310 (06/13)	G0K287	\$204
1678005	Triamcinolone Diacetate (350 mg)	H0F073 (04/13)	I0L189	\$204

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USP Publication Highlights

	<p>USP 35–NF 30 Standards Are Now Official. Subscribe Today!</p> <p>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">• More than 4,500 monographs• Revisions to General Notices• New and revised General Chapters: <81> Antibiotics—Microbial Assays; <88> Biological Reactivity Tests, In Vivo; <401> Fats and Fixed Oils; <467> Residual Solvents; <1224> Transfer of Analytical Procedures; and <1226> Verification of Compendial Procedures. <p>Available in 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 www.usp.org/products 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>New Food Chemicals Codex (FCC), Eighth Edition. Save \$100 with Promotion Code HW2BZZ11!</p> <p>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. Available in print and online formats. Order at www.usp.org/products/FCC 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>New 2012 Dietary Supplements Compendium (DSC)—Two-Volume Set Available Now! Save 20% with promo code HY3BZZ12!</p> <p>The recently updated <i>DSC</i> has 64 new dietary supplement monographs, 23 Admission Criteria Safety Reviews, Guidance Documents, ~300 pages of full-color illustrations/images, and more. Order at www.usp.org/store/products-services/dietary-supplements-compedium 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>2012 USP Dictionary Features Important Drug Name Updates</p> <p>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! Available in print and online formats. Order now at www.usp.org/store/products-services/usp-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).</p>

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Event Highlights

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

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](#).

Pharmacopeial Education

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 <http://www.usp.org/meetings-courses/courses/>

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Compendial Highlights

New Official Text

Revision Bulletins:

[Adapalene](#) (posted 31–May–2012; official 01–Dec–2012)

[Doxycycline Hyclate Delayed-Release Tablets](#) (posted 31–May–2012; official 01–Jun–2012)

[Olanzapine](#) (posted 31–May–2012; official 01–Jun–2012)

[Selenious Acid Injection](#) (posted 31–May–2012; official 01–Jun–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

[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

[General Chapter <911> Viscosity Reference Corrections in Monographs](#) (posted 31–May–2012)

[Call for Candidates: USP Expert Panel on Residual Solvents](#) (posted 22–May–2012)

[Introduction to a General Chapter for Veterinary Products Posted For Comment, Workshop Scheduled](#) (posted 22–May–2012)

[USP to Host Veterinary Medicines Events in November 2012, in Rockville, MD](#) (posted 22–May–2012)

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[Stimuli Articles](#)

Featured in *PF 38(3)*, May–June 2012

- Products from Natural Origin for Health Purposes: Transitioning from Dietary Supplements to Dietary Supplements and Traditional Medicines
- Signal-to-Noise Measurements from Chromatographic Data

USP is pleased to announce the Donor Submission Portal. It is a secure, user-friendly, and interactive electronic platform for the exchange of information between sponsors and USP, in particular the transfer of monograph and reference material data to USP's Standards Acquisition Department. Monograph and reference material acquisition is the first step in developing a public standard, and the Donor Submission Portal is designed to further facilitate and encourage participation in the USP standards-setting process. Learn more at <http://www.usp.org/usp-nf/development-process/donor-program>

Tip of the Month

To quickly find the Reference Standard you are looking for try the advanced search at http://store.usp.org/OA_HTML/usp3_ibeCSrdSrchAdvForm.jsp?sitex=10020:22372:US

Question of the Month

When performing the Acetate test in <191> *Identification Tests—General*, do we need to test both a basic solution and a neutral solution?

Yes, as a general rule, the Identification tests included in the General Chapter <191> *Identification Tests—General* are to be performed in each one of their parts. Therefore, you must meet each part of the specific test for each substance. When something different applies, it is stated in the individual monograph.

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