



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dates; items that have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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

USP is pleased to announce that we have posted a list of [USP Reference Standards Under Development](#) that we expect to release within six months. The list is organized by calendar quarter, and can be downloaded as an MS Excel (xls) spreadsheet. It will be updated four times a year.

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 fill out the form online at 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)
1012087	Acyclovir Related Compound G	50 mg	F0L510	\$636
1033247	Ampicillin System Suitability Mixture	10 mg	F0L226	\$636
1039390	Antimony Trioxide	100 mg	F0L419	\$204
1042882	Artesunate Related Compound C	25 mg	F0L446	\$636
1046202	Azelastine Related Compound E	20 mg	F0L463	\$636
1285997	Flutamide Related Compound A	20 mg	F0L502	\$636
1296100	Glycopyrrolate Related Compound L	50 mg	F0L439	\$636
1369419	Lomustine	200 mg	F0L462	\$204
1445426	Moexipril Hydrochloride	100 mg	F0L464	\$204
1445653	Moexipril Related Compound F	20 mg	F0L499	\$636
1491842	Paliperidone Related Compound D	20 mg	F0L466	\$636
1707931	Powdered Valerian Extract	1 g	F0L397	\$204

Previously Out-of-Stock Items Now Available

Catalog #	Description	Size	Lot	Price (USD)
1111103	Chlorhexidine Acetate	200 mg	I1L484	\$204
1700002	Trypsin Crystallized	300 mg	J0L380	\$204

Backorder Availability Estimates, December 10, 2012

Catalog #	Description	Expected Availability*
1044550	Atorvastatin Related Compound D (20 mg)	Q1/13
1061005	Benzotropine Mesylate (200 mg)	Q1/13
1301801	Guanethidine Monosulfate (200 mg)	Q1/13
1373008	Mafenide Acetate (400 mg)	Q1/13
1381742	Menthyl Anthranilate (500 mg/ampule) (Meradimate)	Q1/13
1478844	Orlistat Related Compound D (10 mg)	Q1/13
1604803	Ritonavir (200 mg)	Q4/12
1643543	Temozolomide (200 mg)	Q1/13

*Dates are targets and may change at any time. Q4/12=October–December 2012;
Q1/13 January–March 2013

Items with New Package Size or New Description

Catalog #	Description	Old Size	Size	Lot	Price (USD)
1097614	Cefdinir	200 mg	300 mg	G0K367	\$204
1287369	Gabapentin Related Compound E	10 mg	25 mg	G0K277	\$636
1702008	Tubocurarine Chloride	250 mg	175 mg	L0L470	\$204
1708718	Valproic Acid Related Compound B*	50 mg	25 mg	G0L458	\$636

*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 November 30, 2012					
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)	
1009005	Acetylcysteine (200 mg)	J0I282 (11/12)	K0K294	\$204	
1042918	Articaine Hydrochloride (125 mg)	F0I198 (11/12)	F1K153	\$204	
1043003	Ascorbic Acid (1 g) (Vitamin C)	Q1G135 (11/12)	R0K142	\$204	
1096622	Carvedilol (200 mg)	F0G379 (11/12)	G0K336	\$309	
1154707	Cyclomethicone 4 (200 mg)	F-2 (11/12)	G0J394	\$204	
1287755	Galantamine Hydrobromide (200 mg)	F0G339 (11/12)	F1K075	\$301	
1457844	Near IR System Suitability	F0G007 (11/12)	G0K264	\$2,141	
1494910	Pantoprazole Related Compound B (25 mg)	F0H268 (11/12)	G0K244	\$636	
1544508	Piroxicam (125 mg)	H2H258 (11/12)	I0K351	\$204	
1551004	Potassium Guaiacolsulfonate (500 mg)	J0B292 (11/12)	K0K356	\$204	
1601281	Residual Solvents Class 2 - Mixture A (1.2 mL/ampule; 3 ampules)	G0H439 (11/12)	H0K013	\$204	
1623626	Sucralose (400 mg)	G2K179 (11/12)	H0K281	\$204	
1673001	Travoprost (3 mL) (COLD SHIPMENT REQUIRED)	G0J306 (11/12)	H0K067	\$204	
1708762	Valsartan (350 mg)	K0I386 (11/12)	L0L195	\$204	
1718020	Voriconazole Related Compound B (10 mg)	F0K069 (11/12)	F1K272	\$636	
1724000	Yohimbine Hydrochloride (200 mg)	F (11/12)	G0K385	\$204	

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No Longer Valid as of December 31, 2012

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1029024	Amitriptyline Related Compound B (25 mg)	F0F317 (12/12)	G0K369	\$636
1050905	Benzaldehyde (2 x 1 mL) (List Chemical)	F0F093 (12/12)	G0K197	\$204
1061901	Benzyl Alcohol (500 mg/ampule)	H0G411 (12/12)	I0J228	\$204
1078766	Bupropion Hydrochloride Related Compound C (COLD SHIPMENT REQUIRED)	G1H220 (12/12)	H0J330	\$691
1112503	Chlorobutanol (200 mg)	H1K010 (12/12)	I0K276	\$204
1133570	Chondroitin Sulfate Sodium (300 mg)	H0F184 (12/12)	H1K241	\$204
1138507	Clocortolone Pivalate (200 mg)	H0G097 (10/12)	I0K296	\$204
1140430	Clopidogrel Bisulfate (125 mg)	G0F282 (12/12)	G1K326	\$909
1173202	Desmopressin Acetate (1.93 mg) (COLD SHIPMENT REQUIRED)	F0E267 (12/12)	G0K019	\$204
1193265	Diethylene Glycol (0.5 mL)	F0G400 (12/12)	G0J412	\$204
1224981	Donepezil Hydrochloride (200 mg)	F0H222 (12/12)	G0K230	\$918
1229409	Drospirenone (200 mg)	F0G064 (12/12)	G0K259	\$204
1287347	Gabapentin Related Compound B (30 mg)	F0F232 (12/12)	G0K192	\$636
1344735	Iopamidol Related Compound B (50 mg)	F (12/12)	G0K118	\$636
1357045	Leflunomide Related Compound A (100 mg)	G0I203 (12/12)	H0K136	\$636
1370360	Lorazepam Related Compound E (25 mg)	I0H446 (12/12)	J0K256	\$636
1371501	L-Lysine Acetate (200 mg)	F1C027 (12/12)	G0K361	\$204
1375502	Mebendazole (200 mg)	G1C195 (12/12)	H0K198	\$204
1411504	L-Methionine (200 mg)	G1D398 (12/12)	H0K416	\$204
1468501	Norepinephrine Bitartrate (125 mg)	I1F322 (12/12)	J0K234	\$162
1478312	Olanzapine Related Compound A (20 mg)	F0H156 (12/12)	G0K232	\$636
1478130	Oleic Acid (1 g)	F0E001 (12/12)	G0J329	\$204
1481000	Oxacillin Sodium (200 mg)	J (12/12)	K0K221	\$204
1535700	Phosphated Riboflavin (100 mg)	H0G253 (12/12)	I0K199	\$162
1547947	Polysorbate 60 (2 g)	F0D131 (12/12)	F1K236	\$204
1565009	Procarbazine Hydrochloride (200 mg)	F (12/12)	F1K338	\$204
1572503	Propofol (200 mg)	G0H334 (12/12)	H0J279	\$204
1598450	Ranitidine Resolution Mixture (20 mg)	F0E323 (12/12)	G0K215	\$1,270
1612572	Sevoflurane Related Compound B (0.2 mL)	F0D140 (12/12)	G0J231	\$636
1708503	L-Valine (200 mg)	G0F115 (12/12)	H0K289	\$204

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No Longer Valid as of January 31, 2013

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1012553	Albendazole (200 mg)	H0E240 (01/13)	H1K275	\$204
1018505	Amantadine Hydrochloride (200 mg)	H1D207 (01/13)	I0J377	\$204
1034002	Amprolium (200 mg)	G0C317 (01/13)	H0K314	\$204
1046090	Azithromycin N-Oxide (15 mg)	F0G119 (01/13)	F1K426	\$636
1047503	Bacitracin (1 g) (Susceptibility disk standard)	H0H096 (01/13)	I0K222	\$204
1048630	Benazepril Related Compound B (15 mg)	H0I343 (01/13)	I0K261	\$636
1097782	Cefmetazole (200 mg)	G0E260 (01/13)	H0K343	\$204
1134299	Citalopram Related Compound F (200 mg)	F0F169 (01/13)	F1K331	\$636
1181302	Dextrose (500 mg)	J2E294 (01/13)	K0K311	\$204
1224620	Docosahexaenoic Acid Ethyl Ester (500 mg)	F0H167 (01/13)	G0K228	\$551
1285931	Fluvastatin Sodium (350 mg)	H0I353 (01/13)	I0K242	\$271
1302101	Guanfacine Hydrochloride (125 mg)	G1F063 (01/13)	H0K209	\$162
1302509	Halcinonide (200 mg)	G0G239 (01/13)	H0L014	\$204
1317302	Hydrocortisone Butyrate (200 mg)	I0G158 (01/13)	J0K395	\$204
1347642	Irinotecan Related Compound C (10 mg)	F0I280 (01/13)	G0K219	\$636
1370338	Lorazepam Related Compound B (25 mg)	H0J044 (01/13)	I0K255	\$636
1391000	3-Mercapto-2-methylpropanoic Acid 1,2-Diphenylethylamine Salt (75 mg)	G (01/13)	H0L022	\$636
1546707	High Density Polyethylene (3 strips)	H0F046 (01/13)	I0K217	\$204
1548101	Potassium Benzoate (1 g)	F0D161 (01/13)	F1K362	\$204
1597005	Quinine Sulfate (500 mg)	I0E071 (01/13)	J0K293	\$204
1604858	Rivastigmine Tartrate (200 mg)	F0I281 (01/13)	G0K328	\$551
1615956	Sorbic Acid (1 g)	F0D129 (01/13)	G0K313	\$204
1656002	Thiamine Hydrochloride (500 mg) (Vitamin B1 Hydrochloride)	O1F236 (01/13)	P0K366	\$204
1696007	Tripolidine Hydrochloride (300 mg)	I (01/13)	I1K365	\$204
1705800	Uracil Arabinoside (50 mg)	H0F084 (01/13)	I0J418	\$204
1709018	Vancomycin B with Monodechlorovancomycin (300 mg)	F1I232 (01/13)	F2K018	\$636
1714506	Vinorelbine Tartrate (200 mg)	F2E197 (01/13)	G0K223	\$1,969

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Items with New Lots

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1031503	Amoxicillin (200 mg)	K0H332 (11/13)	L0K359	\$204
1097104	Cefadroxil (200 mg)	J0H018 (11/13)	K0L280	\$204
1097614	Cefdinir (300 mg)	F0G231 (11/13)	G0K367	\$204
1098195	Ceftriaxone Sodium E-Isomer (25 mg)	I1I212 (11/13)	I2K393	\$636
1111103	Chlorhexidine Acetate (200 mg)	I0J311 (11/13)	I1L484	\$204
1134244	Citalopram Related Compound A (25 mg)	F0G046 (10/13)	G0L327	\$636
1287369	Gabapentin Related Compound E (25 mg)	F1J405 (11/13)	G0K277	\$636
1304038	Heparin Sodium Identification (50 mg) (COLD SHIPMENT REQUIRED)	G0I116 (11/13)	G1L413	\$204
1344804	Iopromide (400 mg)	F (11/13)	G0L157	\$204
1354900	Kaempferol (15 mg)	F0K024 (11/13)	G0L472	\$223
1367005	Lincomycin Hydrochloride (200 mg)	H3G186 (11/13)	I0L352	\$204
1398009	Methadone Hydrochloride CII (200 mg)	I1H270 (12/13)	J0L220	\$270
1477900	Octinoxate (500 mg) (Octyl Methoxycinnamate)	I0G246 (12/13)	J0L055	\$204
1643361	Taurine (100 mg)	G0I334 (11/13)	H0L305	\$204
1677002	Triamcinolone Acetonide (500 mg)	L0G322 (12/13)	M0L442	\$204
1680506	Triazolam CIV (200 mg)	H0B041 (12/13)	I0L441	\$270
1683606	Triethyl Citrate (500 mg)	G1G390 (12/13)	H0K254	\$204
1702008	Tubocurarine Chloride (175 mg)	K-1 (03/13)	L0L470	\$204
1708718	Valproic Acid Related Compound B (25 mg)	F0E201 (11/13)	G0L458	\$636

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USP Publication Highlights

	<p>Be Prepared for Compliance in 2013—Order <i>USP 36–NF 31</i> Today!</p> <p>The 2013 edition of <i>USP–NF</i> published on November 1. Order today for access to important updates, including:</p> <ul style="list-style-type: none">• New General Chapters: <17> Prescription Container Labeling, <1197> Good Distribution Practices for Bulk Pharmaceutical Excipients, and <1761> Applications of Nuclear Magnetic Resonance Spectroscopy• Revised General Chapters: <788> Particulate Matter in Injections, <921> Water Determination, and <1136> Packaging—Unit of Use• 89 new and revised monographs <p>Available in print, online, and USB flash drive formats. Subscribe today at http://uspgo.to/USPNF-2013 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 <i>Food Chemicals Codex (FCC), Eighth Edition</i>.</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 plus three supplements (the first supplement published on Sept. 1, 2012 and became effective Dec. 1, 2012), which publish at six-month intervals during the subscription period.</p> <p>Print and online formats. Order at http://uspgo.to/food-chemicals-codex 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 <i>Dietary Supplements Compendium (DSC)</i>—Two-Volume Set Available Now!</p> <p>The recently updated <i>DSC</i> has 64 new dietary supplement monographs, 23 Admission Criteria Safety Reviews, Guidance Documents, ~330 pages of full-color illustrations/images, and more. Order at www.usp.org/store/products-services/dietary-supplements-compendium 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>

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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 www.usp.org/education/pe/courses.html

Sign up [here](#) to receive Pharmacopeial Education information.

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Compendial Highlights

New Official Text



Revision Bulletins:

[Beta Carotene \(POSTPONEMENT\)](#) (posted 30–Nov–2012)

[Beta Carotene Capsules \(POSTPONEMENT\)](#) (posted 30–Nov–2012)

[Beta Carotene Preparation \(POSTPONEMENT\)](#) (posted 30–Nov–2012)

[Fexofenadine Hydrochloride and Pseudoephedrine Hydrochloride Extended-Release Tablets](#) (posted 30–Nov–2012; official 01–Dec–2012)

[Modafinil Tablets](#) (posted 30–Nov–2012; official 01–Dec–2012)

[Morphine Sulfate Injection](#) (posted 30–Nov–2012; official 01–Dec–2012)

[Ziprasidone Hydrochloride](#) (posted 30–Nov–2012; official 01–Dec–2012)

[<232> Elemental Impurities—Limits and <233> Elemental Impurities—Methods \(POSTPONEMENT\)](#) (posted 15–Nov–2012; updated 21–Nov–2012)



IRAs

[Colloidal Oatmeal](#) (posted 30–Nov–2012; official 01–Jan–2013)

[Glycopyrrolate](#) (posted 30–Nov–2012; official 01–Jan–2013)



Access new USP–NF Errata

Compendial Notices

New

[Morphine Sulfate Injection Revision Bulletin](#) (posted 30–Nov–2012; official 01–Dec–2012)

[Heparin Sodium Monograph Comment Period Extended](#) (posted 30–Nov–2012)

[Call for Candidates: USP Expert Panel on Good Documentation Practices](#)
(posted 30–Nov–2012)

[Searchable Errata Database Launches](#) (posted 30–Nov–2012)

[<232> Elemental Impurities—Limits and <233> Elemental Impurities—Procedures \(POSTPONEMENT\)](#)
(posted 15–Nov–2012; updated 21–Nov–2012)

Sign up to receive updates electronically at www.usp.org/support-home/opt-information-service.

Stimuli Articles

Featured in *PF 38(6)*, November–December 2012

- An Assessment of the Impact on Pharmaceutical Product Quality Resulting from Humidity Exposure during Distribution by Modeling Moisture Ingress
- Methods for Measuring Uniformity in *USP*

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Tip of the Month

Beginning January 1, 2013, we will use a new lot numbering format for USP Reference Standards. Each lot number assigned after January 1 will be a 6-character alphanumeric string which allows for many more unique lot numbers for a given USP Reference Standard item. This will resolve some logistical issues with the previous lot numbering format.

The new format will not be applied to existing USP Reference Standard lot numbers, only to newly assigned lot numbers.

Question of the Month

I have a question about the monograph redesign process. Who do I contact?

Please send any question or comments about redesign to redesign@usp.org.

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