



January 2014

Table of Contents

[Reference Standards Highlights](#)

- [Reference Standards Under Development](#)
- [New Reference Standards Now Available](#)
- [Previously Out-of-Stock Items Now Available](#)
- [Backorder Availability Estimates, January 6, 2014](#)
- [Items with New Package Size or Description](#)
- [RS Lots That Are No Longer Valid](#)
- [Items with New Lots](#)

[USP Publication Highlights](#)

- [USP 37–NF 32](#)
- [FCC, Ninth Edition](#)
- [2012 Dietary Supplements Compendium](#)
- [2013 USP Dictionary](#)

[Event Highlights](#)

- [USP User Forums](#)
- [Workshops](#)

[Global Education and Training](#)

- [Find Courses](#)
- [Sign Up for Global Education and Training Information](#)

[Compendial Highlights](#)

- [New Official Text](#)
- [Compendial Notices](#)
- [Stimuli Articles](#)

[Tip of the Month](#)

[Question of the Month](#)

Click on links to go to sections.

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[USP Online Catalog](#)

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 December 2013; 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dates; items that have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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.

An expanded list of [USP Reference Standards Under Development](#) has been recently posted to the USP website. The expanded list now includes new **USP Reference Standards that we expect to release within a year**. The list will continue to be updated four times per year and was just updated the week of January 6. The list is organized by calendar quarter, and can be downloaded as an MS Excel (xls) spreadsheet.

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.

[Return to Table of Contents](#)



New Reference Standards Now Available

Catalog #	Description	Size	Lot	Price (USD)
1013556	Almotriptan Related Compound C	15 mg	F0M513	\$671
1177032	Dexamethasone Sodium Phosphate	350 mg	F0M447	\$215
1248200	Erythropoietin for Bioassays	1650 IU	F0M430	\$671
1268794	Etonogestrel Related Compound A	10 mg	F0M258	\$671
1274629	Flunixin Related Compound A	15 mg	F0M446	\$671
1274630	Flunixin Related Compound B	25 mg	F0M470	\$671
1274631	Flunixin Related Compound C	50 mg	F0L475	\$671
1335610	Ibutilide Fumarate	100 mg	F0M486	\$601

Previously Out-of-Stock Items Now Available

Catalog #	Description	Size	Lot	Price (USD)
1131009	Cholecalciferol	30 mg/ ampule; 5 ampules	Q0M510	\$219
1612801	Sisomicin Sulfate	500 mg	J0M505	\$215

Backorder Availability Estimates, January 6, 2014

Catalog #	Description	Expected Availability*
1096509	Carboprost Tromethamine (25 mg)	Q1/14
1096804	Cathinone Hydrochloride Cl (50 mg) (alpha-Aminopropiophenone Hydrochloride)	Q2/14
1162320	Dacarbazine Related Compound A (50 mg)	Q1/14
1177000	Dexamethasone Phosphate (200 mg)	Q1/14
1224700	Docusate Calcium (500 mg)	Q1/14
1242010	Erythromycin B (100 mg)	Q1/14
1604632	Risedronate Related Compound B (20 mg)	Q1/14
1643656	Tenofovir Disoproxil Fumarate (200 mg)	Q1/14
1663008	Thioridazine Hydrochloride (200 mg)	Q1/14
1709018	Vancomycin B with Monodechlorovancomycin (300 mg)	Q1/14
1711461	Verteporfin (200 mg)	Q1/14

*Dates are targets and may change at any time. Q1/14 January–March 2014; Q2/14 April–June 2014



Items with New Package Size or New Description

Catalog #	Description	Old Size	Size	Lot	Price (USD)
1078507	Bupivacaine Hydrochloride	500 mg	300 mg	I0L104	\$215
1292336	Glimepiride Related Compound C*	20 mg	20 mg	G0M317	\$671
1292347	Glimepiride Related Compound D**	20 mg	20 mg	G0M401	\$671
1362125	Levofloxacin Related Compound B***	35 mg	35 mg	G0M041	\$671
1370804	Lutein	1 mL	3 X 50 mg	G0L260	\$1,171

*The chemical name changed to (glimepiride urethane, or methyl ((4-(2-(3-ethyl-4-methyl-2-oxo-2,5-dihydro-1H-pyrrole-1-carboxamido)ethyl)phenyl)sulfonyl)carbamate)

**The chemical name changed from (Glimepiride-3-isomer) to (Glimepiride 3-isomer, or 1-[[m-[2-(3-Ethyl-4-methyl-2-oxo-3-pyrroline-1-carboxamido)ethyl]phenyl]sulfonyl]-3-(trans-4-methylcyclohexyl)urea)

***The chemical name of this item changed from ((S)-9,10,difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid) to ((S)-9,10,difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid)

[Return to Table of Contents](#)



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.

Note: #1358820 Levalbuterol Related Compound D (30 mg) Previous Lot F0G168 has a valid use date of (07/14)

No Longer Valid as of December 31, 2013					
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)	
1000408	Abacavir Sulfate (200 mg)	F0G247 (12/13)	F1L487	\$215	
1031547	Amoxicillin Related Compound D (50 mg)	F0J336 (12/13)	G0L468	\$671	
1118317	Chloroquine Sulfate (500 mg)	F0J202 (12/13)	F1L501	\$215	
1271700	Fluconazole (200 mg)	H0H087 (12/13)	H1L308	\$215	
1333003	Hydroxyzine Hydrochloride (500 mg)	K0J364 (12/13)	K1L503	\$215	
1351800	Isorhamnetin (15 mg)	F0K025 (12/13)	G0L371	\$236	
1398009	Methadone Hydrochloride CII (200 mg)	I1H270 (12/13)	J0L220	\$285	
1437508	Methyl Stearate (300 mg)	G0E290 (12/13)	H0K288	\$215	
1486004	Oxymetazoline Hydrochloride (200 mg)	J0C206 (12/13)	K0L367	\$215	
1558003	Prednisolone Tebutate (200 mg)	F (12/13)	F1L572	\$215	
1559505	Prednisone Tablets (30 tablets)	Q1L136 (12/13)	Q2L493	\$249	
1578554	Prostaglandin B1 (25 mg) ((13E,15S)-15-Hydroxy-9-oxoprostanoic Acid)	F0E022 (12/13)	G0M011	\$1,725	
1604654	Risperidone (100 mg)	G0J122 (12/13)	H0L153	\$215	
1635002	Sulfapyridine Melting Point Standard (1 g) (Approximately 191 degrees)	J2I141 (12/13)	K0L179	\$129	
1643340	Tartaric Acid (1 g)	F1I387 (12/13)	G0L103	\$215	
1677002	Triamcinolone Acetonide (500 mg)	L0G322 (12/13)	M0L442	\$215	
1680506	Triazolam CIV (200 mg)	H0B041 (12/13)	I0L441	\$285	
1683606	Triethyl Citrate (500 mg)	G1G390 (12/13)	H0K254	\$215	
1686310	Trifluridine Related Compound A (10 mg)	G0E004 (12/13)	H0L412	\$671	
1708784	Valsartan Related Compound B (10 mg)	H1K270 (12/13)	I0L355	\$859	

[Return to Table of Contents](#)



No Longer Valid as of January 31, 2014				
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1017502	Dried Aluminum Hydroxide Gel (200 mg)	G0I104 (01/14)	H0M005	\$215
1050905	Benzaldehyde (2 x 1 mL) (List Chemical)	G0K197 (01/14)	H0L174	\$215
1091040	Caprylic Acid (300 mg)	F0D378 (01/14)	F1L115	\$215
1091108	Capsaicin (100 mg)	H0G235 (01/14)	I0L046	\$215
1096509	Carboprost Tromethamine (25 mg)	F-1 (01/14)		\$671
1097636	Cefepime Hydrochloride (500 mg)	H0G278 (01/14)	I0L200	\$215
1111001	Chlorhexidine (200 mg)	F0C306 (01/14)	G0L171	\$215
1134379	Clarithromycin (100 mg)	G2I235 (01/14)	H0H380	\$215
1180004	Dextroamphetamine Sulfate CII (500 mg)	I1F106 (01/14)	J0L459	\$298
1225281	Dorzolamide Hydrochloride (200 mg)	G0E278 (01/14)	H0L259	\$215
1235300	Enalapril Maleate (200 mg)	J1C267 (01/14)	K0L429	\$215
1270399	Fexofenadine Related Compound B (25 mg)	F0D246 (01/14)	G0L338	\$671
1287722	Galactosamine Hydrochloride (50 mg)	F0G137 (01/14)	G0L378	\$215
1353102	Diluted Isosorbide Mononitrate (750 mg)	F0G155 (01/14)	G0L461	\$215
1356734	Lactic Acid (1.5 mL/ampule; 3 ampules)	F1K398 (01/14)	G0L178	\$215
1356836	Lamivudine (200 mg)	H0I378 (01/14)	H1L282	\$215
1358810	Levalbuterol Related Compound C (30 mg)	F0G165 (01/14)	F1L568	\$671
1379060	Mefloquine Related Compound A (20 mg)	F0E166 (01/14)	F1L551	\$671
1394008	Mestranol (200 mg)	K0C065 (01/14)	K1M025	\$215
1396309	Metformin Hydrochloride (200 mg)	I0H236 (01/14)	J0L465	\$252
1441298	Metoprolol Succinate (200 mg)	G0F179 (01/14)	H0L334	\$215
1444707	Mitomycin (50 mg)	K (01/14)	L0L428	\$660
1448606	Moxifloxacin Hydrochloride (200 mg)	F0H454 (01/14)	G0L202	\$571
1460736	Nevirapine Related Compound B (10 mg)	H0J192 (01/14)	I0L362	\$671
1478334	Olanzapine Related Compound C (5 mg) (COLD SHIPMENT REQUIRED)	G0K178 (01/14)	H0L545	\$671
1478130	Oleic Acid (1 g)	G0J329 (01/14)	H0L373	\$215
1494909	Pantoprazole Related Compound A (25 mg)	G0J267 (01/14)	H1M230	\$671
1500502	Particle Count Set (2 blanks and 2 suspensions)	K0H089 (01/14)	L0L142	\$655
1612947	Beta-Sitosterol (100 mg)	F0D217 (01/14)	G0M132	\$410
1613804	Sodium Chloride (1 g)	H0K004 (01/14)	I0L447	\$215
1643419	Telmisartan (200 mg)	F0I345 (01/14)	G0L274	\$215
1662504	Thioridazine (200 mg)	H (01/14)	I0M079	\$215
1667701	Alpha Tocopheryl Acetate (250 mg) (Vitamin E Acetate) (COLD SHIPMENT REQUIRED)	K (01/14)	L0K188	\$215
1709018	Vancomycin B with Monodechlorovancomycin (300 mg)	F2K018 (01/14)		\$671

[Return to Table of Contents](#)



No Longer Valid as of February 28, 2014				
Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1012595	rAlbumin Human (6 mg) (Recombinant Human Albumin) (COLD SHIPMENT REQUIRED)	F0J199 (02/14)	G0M268	\$215
1057507	Benzothiadiazine Related Compound A (100 mg)	I0F027 (02/14)	J0L279	\$671
1071304	Bile Salts (10 g)	J0G309 (02/14)	K0L559	\$171
1075203	Bis(2-ethylhexyl)maleate (2 g)	H0J224 (02/14)	H1K384	\$671
1134029	Ciclopirox Related Compound A (25 mg)	G0G212 (02/14)	H0L577	\$671
1189009	Dicloxacillin Sodium (300 mg)	J0C182 (02/14)	J1L192	\$215
1221000	Disodium Guanylate (350 mg)	G0H049 (02/14)	H0L488	\$215
1229883	Duloxetine Related Compound H (10 mg)	F0J326 (02/14)	G0M010	\$671
1242021	Erythromycin C (50 mg)	F-3 (02/14)	F4L354	\$671
1270005	Fentanyl Citrate CII (100 mg)	L0G319 (02/14)	M0L328	\$331
1271722	Fluconazole Related Compound B (10 mg)	H0H123 (02/14)	I0L387	\$671
1273003	Fludrocortisone Acetate (200 mg)	H (02/14)	I0L284	\$215
1295516	Glyburide Related Compound A (25 mg)	F0E224 (02/14)	F2M490	\$671
1303013	Haloperidol Related Compound A (10 mg)	L0G226 (02/14)	M1M227	\$671
1311408	Homosalate (500 mg)	H0D322 (02/14)	I0L427	\$215
1356789	Lamotrigine Related Compound C (10 mg)	F1K157 (02/14)	F2L329	\$671
1362602	Levonorgestrel (125 mg)	F0H323 (02/14)	G0L474	\$215
1396342	Metformin Related Compound C (25 mg)	F0E343 (02/14)	G0L529	\$671
1445470	Mometasone Furoate (200 mg)	H0E009 (02/14)	I0L395	\$215
1479009	Orphenadrine Citrate (200 mg)	G (02/14)	H0L271	\$215
1481226	Oxaliplatin Related Compound B (15 mg)	G0K180 (02/14)	H0M082	\$671
1485136	Oxybutynin Related Compound C (20 mg)	F0D062 (02/14)	G0L250	\$671
1494807	Pantolactone (500 mg)	G0F242 (02/14)	H0M077	\$671
1530809	Ensulizole (200 mg) (2-phenylbenzimidazole-5-sulfonic Acid)	G0I234 (02/14)	H0L309	\$215
1614501	Sodium Nitroprusside (500 mg)	H (02/14)	I0L347	\$215
1623411	Succinic Acid (100 mg)	F0J152 (02/14)	F1L336	\$215
1623502	Succinylcholine Chloride (500 mg)	H1E325 (02/14)	I0L550	\$215
1705006	L-Tyrosine (500 mg)	K1I093 (02/14)	L0L199	\$215

[Return to Table of Contents](#)



Items with New Lots

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1012509	L-Alanine (200 mg)	G1J091 (12/14)	H0M400	\$215
1044582	Atorvastatin Related Compound H (20 mg)	F0K120 (12/14)	G0M500	\$671
1054000	Benzocaine (500 mg)	J1G214 (12/14)	J2M122	\$215
1078507	Bupivacaine Hydrochloride (300 mg)	H2H088 (12/14)	I0L104	\$215
1131009	Cholecalciferol (30 mg/ampule; 5 ampules) (Vitamin D3)	P0J194 (12/14)	Q0M510	\$219
1179741	Dextran 70 (50 mg)	F1J372 (12/14)	F2M324	\$215
1179854	Dextran 4 Calibration (100 mg)	F0C002 (12/14)	G0M350	\$215
1225474	Doxazosin Related Compound E (20 mg)	F0H027 (12/14)	F1M466	\$671
1227006	Doxylamine Succinate (300 mg)	I1F141 (12/14)	I2M407	\$215
1292336	Glimpiride Related Compound C (20 mg)	F1H423 (12/14)	G0M317	\$671
1292347	Glimpiride Related Compound D (20 mg)	F2J056 (12/14)	G0M401	\$671
1303013	Haloperidol Related Compound A (10 mg)	M0L106 (12/14)	M1M227	\$671
1356326	Ketorolac Related Compound B (20 mg)	F0K163 (12/14)	G0M481	\$671
1485001	Oxybenzone (150 mg)	H1F164 (12/14)	I0M327	\$215
1496008	Papaverine Hydrochloride (200 mg)	H1I070 (12/14)	H2M423	\$215
1505506	Pentetic Acid (100 mg)	F-1 (12/14)	F2M478	\$215
1546547	Polyethylene Glycol 3350 (1 g)	G0H367 (12/14)	G1M445	\$215
1547007	Polymyxin B Sulfate (200 mg) (COLD SHIPMENT REQUIRED)	M0L402 (11/14)	N0M425	\$215
1547969	Polysorbate 80 (2 g)	G0I359 (12/14)	H0L313	\$215
1568506	L-Proline (200 mg)	G0D146 (12/14)	H0M298	\$215
1612801	Sisomicin Sulfate (500 mg)	I0C238 (11/14)	J0M505	\$215
1612947	Beta-Sitosterol (100 mg)	G0M132 (12/14)	H0M503	\$410
1667202	L-Threonine (200 mg)	G (12/14)	H0M295	\$215
1711268	Venlafaxine Hydrochloride (100 mg)	F0I324 (12/14)	G0M315	\$271



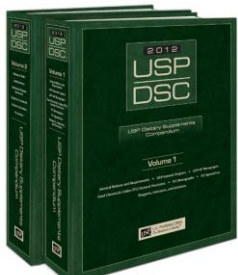
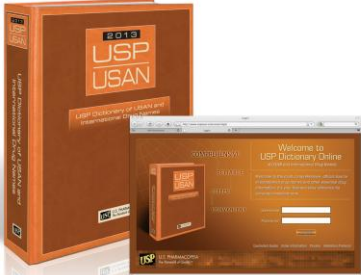
USP Publication Highlights

ATTENTION: USP–NF Subscribers—Important Renewal Information

It's time to renew *USP–NF* for 2014! Subscribers with USP Online Store accounts can log into their accounts and view subscription information by clicking “Yes” under the “Renewal Alert”; customers without USP Online Store accounts will receive their renewal information by email or mail. Should you have any questions or would like to renew at anytime by phone, contact USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Select Europe).

[Return to Table of Contents](#)



	<p>Be Prepared for Compliance in 2014—Order <i>USP 37–NF 32</i> Today! The 2014 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 or revised general chapters: <268> <i>Porosity by Nitrogen Adsorption–Desorption</i>, <571> <i>Vitamin A Assay</i>, <581> <i>Vitamin D Assay</i>, <645> <i>Water Conductivity</i>, <735> <i>X-ray Fluorescence Spectrometry</i>, and more • More than 100 new or revised monographs, including 50 that are newly modernized! <p>Available in 4-volume print, online, and USB flash drive formats. Subscribe today at http://uspgo.to/USPNF-2014 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>Pre-Order the New <i>Food Chemicals Codex (FCC), Ninth Edition!</i> The <i>FCC, Ninth Edition</i>, is scheduled to publish March 2014, featuring more than 1,200 monographs, appendices with step-by-step methods, and helpful information for manufacturers, suppliers, and users of food ingredients. Two-year subscription includes a main edition plus three supplements that publish with updates every six months. Available in print and online formats. Save \$100 off the print version of the <i>FCC 9th edition</i> with promo code HWPDZZ12. Pre-order the print format now at http://uspgo.to/fcc-9 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><i>Dietary Supplements Compendium (DSC)</i>—Two-Volume Set Available! The current <i>DSC</i> has 64 new dietary supplement monographs, 23 Admissions Criteria Safety Reviews, Guidance Documents, ~330 pages of full-color illustrations/images, and more. Order at http://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>Order the 2013 <i>USP Dictionary</i> for the Latest Drug Name Updates! The 2013 <i>USP Dictionary of USAN and International Drug Names</i> features important updates to generic and brand drug names, pronunciations, chemical structures, UNII codes, and more! Available in print and online formats. Order now at http://www.usp.org/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 (Select Europe).</p>

[Return to Table of Contents](#)



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.

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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](#).

Global Education and Training

USP's Global Education and Training 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

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Compendial Highlights

[New Official Text](#)

Revision Bulletins

[<795> Pharmaceutical Compounding—Nonsterile Preparations](#) (posted 22–Nov–2013; official 01–Jan–2014)

[Cyclosporine](#) (posted 22–Nov–2013; official 01–Dec–2013)

[Fenofibrate Tablets](#) (posted 22–Nov–2013; official 01–Dec–2013)

[Isosorbide Mononitrate Extended-Release Tablets](#) (posted 22–Nov–2013; official 01–Dec–2013)

[Pioglitazone and Glimepiride Tablets](#) (posted 22–Nov–2013; official 01–Dec–2013)

[Return to Table of Contents](#)



IRA IRAs

[Simethicone Emulsion](#) (posted 22–Nov–2013; official 01–Jan–2014)

E [Access new USP–NF Errata](#)

H6 [New Stage 6 Notices](#)

[Alcohol](#) (posted 22–Nov–2013; official 01–Dec–2014)

[Dehydrated Alcohol](#) (posted 22–Nov–2013; official 01–Dec–2014)

Compendial Notices

[<797> Pharmaceutical Compounding—Sterile Preparations](#): Notice of Intent to Revise (posted 27–Dec–2013)

[Cefdinir for Oral Suspension](#): Notice of Intent to Revise (posted 27–Dec–2013)

[Cefdinir Capsules](#): Notice of Intent to Revise (posted 27–Dec–2013)

[Chlorhexidine Acetate](#): Notice of Intent to Revise (posted 27–Dec–2013)

[Chlorhexidine Gluconate Solution](#): Notice of Intent to Revise (posted 27–Dec–2013)

[Chlorhexidine Hydrochloride](#): Notice of Intent to Revise (posted 27–Dec–2013)

[Polysorbate 20](#): Notice of Intent to Revise (posted 27–Dec–2013)

[Updates to Chemical Information Section of USP–NF Monographs Monographs](#) (posted 27–Dec–2013)

General Announcements:

[Important Elemental Impurities Update: <232>/<2232> Applicability Date Announced in General Notices 5.60.30, and Pharmacopeial Forum 40\(2\) Proposals to <232> and <233> Pre-published \(posted 27–Dec–2013\)](#)

[Compounding Key Issue Page](#) (updated 27–Dec–2013)

[Pending Monographs List](#) (updated 27–Dec–2013)

[Monograph Modernization List](#) (updated 27–Dec–2013)

[Monograph Modernization Key Issues Page](#) (updated 27–Dec–2013)

Sign up to receive updates electronically at <http://www.usp.org/store/free-resources/newsletter-and-information>.

[Stimuli Articles](#)

Featured in *PF 40(1)*, January–February 2014

- An Alignment of Concepts and Content across the Spectroscopy General Chapters in the *United States Pharmacopeia–National Formulary (USP–NF)*
- Revision of The Dissolution Procedure: Development and Validation <1092>
- Stimulus to Revision: A Rational Approach to Cascade Impactor Mensuration in a Good Cascade Impactor Practice (GCIP) Environment

[Return to Table of Contents](#)



Tip of the Month

USP strives to provide quality education in innovative online and classroom formats that are helpful and convenient for scientists, industry professionals, and healthcare practitioners located around the world. Developed by the USP experts who help establish the USP standards that are used in more than 140 countries, our curriculum emphasizes the effective interpretation and application of standards for medicines, dietary supplements, and food ingredients.

For a complete list of course descriptions, see our new [Global Education and Training catalog](#).

Question of the Month

When was the “Key Issues: Elemental Impurities” web page at <http://www.usp.org/usp-nf/key-issues/elemental-impurities> last updated?

The page was updated on December 27, 2013, with important information regarding the applicability date of <232> and <2232>.

[Return to Table of Contents](#)