



August, 2017

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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 the last month; 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dates; items that have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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 <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, fill out the form online at <http://www.usp.org/new-reference-standards-notification>.

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## New Reference Standards Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1133966	Cinacalcet Related Compound D (50 mg)	F060H0	\$1,690
1134305	Citicoline Sodium (2 x 350 mg)	F07120	\$225
1236970	Epinephrine (200 mg)	F070U0	\$230
1254031	Estradiol Valerate Identification Mixture (15 mg)	F056U0	\$730
1288419	Gatifloxacin Related Compound A (15 mg)	F06770	\$730
1443657	Milnacipran Hydrochloride (250 mg)	F075N0	\$1,290
1443680	Milnacipran Related Compound C (25 mg)	F075R0	\$730
1443847	Skim Milk Powder with Melamine - Level A (20 g)	F052E0	\$875
1443872	Skim Milk Powder with Melamine - Level C (20 g)	F052F0	\$875
1443894	Skim Milk Powder with Melamine - Level E (20 g)	F052G0	\$875
1483458	Oxiconazole Related Compound C (20 mg)	F072T0	\$730
1492700	Pamabrom Related Compound A (30 mg)	F069E0	\$730
1548098	Pomegranate Juice Concentrate (5 x 1 mL)	F035S0	\$222
1598097	Racepinephrine Hydrochloride (30 mg)	F070V0	\$230
1606015	Rosuvastatin Calcium (300 mg)	F063Q0	\$850
1606048	Rosuvastatin Related Compound C (25 mg)	F063T0	\$950
1606059	Rosuvastatin Enantiomer (25 mg)	F063U0	\$950
1643317	Citrus reticulata Pericarp Dry Extract (1 g)	F070B0	\$200
1707828	Valacyclovir Related Compound M (15 mg)	F001U0	\$730

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## Items with New Lots

Catalog #	Description and Package Size	Current Lot	Previous Lot (Valid Use Date)	Price (USD)
1000485	Abacavir Related Compounds Mixture (15 mg)	R077P0	R039P0 (31-Aug-18)	\$730
1031525	Amoxicillin Related Compound B (15 mg)	R081J0	F0J124 (31-Aug-18)	\$730
1044538	Atorvastatin Related Compound B (20 mg)	R06230	H0L297 (30-Jun-18)	\$730
1045539	Azacitidine Related Compound A (25 mg)	R066K0	F0L163 (31-Jul-18)	\$730
1134620	Clarithromycin Impurity H (10 mg)	F1J141	F0J141 (31-Aug-18)	\$730
1177000	Dexamethasone Phosphate (500 mg)	L2M534	L1M534 (31-Aug-18)	\$230
1226014	Doxycycline Related Compound A (10 mg)	R073F0	R04660 (31-Aug-18)	\$730
1232006	Edetate Calcium Disodium (200 mg)	H2L565	H1L565 (31-Jul-18)	\$230
1235864	Enoxaparin Sodium Molecular Weight Calibrant (mg)	R06710	G0L139 (31-Aug-18)	\$805
1235988	Entecavir System Suitability Mixture (15 mg)	F006K1	F006K0 (31-Jul-18)	\$730
1257007	Ethambutol Hydrochloride (200 mg)	R07350	H2M489 (31-May-18)	\$230
1335701	Idarubicin Hydrochloride (50 mg)	R080E0	J0L467 (31-Aug-18)	\$705
1344644	Iohexol Related Compound B (50 mg)	R057A0	F-1 (31-Aug-18)	\$730
1370101	Lopinavir (350 mg)	R077R0	F0I127 (31-May-18)	\$815
1424550	Methylcobalamin (2 x 150 mg)	R076S0	R046E0 (30-Jun-17)	\$230
1430327	Methyl Linoleate (5 x 50 mg)	R055J0	R00930 (31-Aug-18)	\$200
1448655	Moxifloxacin Related Compound E (25 mg)	R067S0	F0M234 (31-Aug-18)	\$730
1501006	Penicillamine (200 mg)	R07720	H1B164 (30-Jun-18)	\$230
1534209	Phenyl Salicylate Melting Point Standard (1 g)	R062L0	F2M306 (30-Jun-18)	\$135
1551004	Potassium Guaiacolsulfonate (500 mg)	R06990	K0K356 (31-Aug-18)	\$230
1592715	Quetiapine System Suitability (25 mg)	R081H0	R04810 (31-Aug-18)	\$730
1601180	Residual Solvent Class 1 - 1,2-Dichloroethane (mL/ampule; 3 ampules)	R07500	F0C412 (31-Jul-18)	\$230
1612641	Silydianin (30 mg)	R056G0	R004M0 (31-Jul-18)	\$200
1706701	Urea C 13 (150 mg)	R081Q0	I1H205 (30-Jun-18)	\$270
1711440	Verapamil Related Compound F (150 mg)	R05530	F0F185 (31-Aug-18)	\$730

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## Previously Out-of-Stock Items Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1044538	Atorvastatin Related Compound B (20 mg)	R06230	\$730
1226014	Doxycycline Related Compound A (10 mg)	R073F0	\$730
1232006	Edetate Calcium Disodium (200 mg)	H2L565	\$230
1235864	Enoxaparin Sodium Molecular Weight Calibrant B (6.0 mg)	R06710	\$805
1335701	Idarubicin Hydrochloride (50 mg)	R080E0	\$705
1424550	Methylcobalamin (2 x 150 mg)	R076S0	\$230
1430327	Methyl Linoleate (5 x 50 mg)	R055J0	\$230
1443715	Midodrine Related Compound A (40 mg)	R081E0	\$730
1501006	Penicillamine (200 mg)	R07720	\$230
1534209	Phenyl Salicylate Melting Point Standard (1 g)	R062L0	\$135
1547969	Polysorbate 80 (4 x 0.5 g)	R072G0	\$230
1592715	Quetiapine System Suitability (25 mg)	R081H0	\$730
1601180	Residual Solvent Class 1 - 1,2-Dichloroethane (1.2 mL/ampule; 3 ampules)	R07500	\$230
1612641	Silydianin (30 mg)	R056G0	\$200
1706701	Urea C 13 (150 mg)	R081Q0	\$270

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## Backorder Availability Estimates, August 29, 2017

Catalog #	Description	Expected Availability*
1475008	Novobiocin (200 mg)	Q4/2017
1152009	Cyanocobalamin (5 x 300 mg)	Q4/2017
1012203	Agnuside (25 mg)	Q4/2017
1492244	Palonosetron Related Compound C (15 mg)	Q3/2014
1342037	Insulin Aspart (7.45 mg)	Q4/2017
1225317	Dorzolamide Related Compound B (15 mg)	Q3/2014
1286322	Fosfomycin Tromethamine (800 mg)	Q4/2017
1396364	Methacholine Chloride (500 mg)	Q4/2017
1087009	Calcium Pantothenate (200 mg)	Q3/2014
1231750	Echinacoside (15 mg)	Q3/2014
1448990	Myristic Acid (200 mg)	Q3/2014
1357475	Latanoprost (50 mg)	Q3/2014
1510890	Perindopril Related Compound A (20 mg)	Q4/2017
1445506	Monobenzene (200 mg)	Q3/2014
1118000	Chloroquine Phosphate (500 mg)	Q4/2017
1435003	Methylprednisolone (200 mg)	TBD
1601408	Residual Solvent Class 2 - Cyclohexane (1.2 mL/ampule; 3 ampules)	Q3/2014
1025602	Amino Methacrylate Copolymer (1.5 g)	Q4/2017
1111908	P-Chloroaniline (200 mg)	Q4/2017
1154558	Alpha Cyclodextrin (500 mg)	Q4/2017
1255850	Eszopiclone CIV (100 mg)	Q3/2014
1642019	Sulindac Related Compound A (20 mg)	TBD
1288805	Genistin (30 mg)	Q4/2017
1680801	Trichlorfon (200 mg)	Q4/2017
1334006	Hydroxyzine Pamoate (500 mg)	Q3/2014
1709007	Vancomycin Hydrochloride (4 vials, each vial contains 99,029 mcg of vancomycin activity)	Q3/2014
1603800	Rifabutin (50 mg)	Q4/2017
1296031	Glycopyrrolate Related Compound B (75 mg)	TBD
1494501	Panthenol, Racemic (200 mg)	Q4/2017
1269403	Fenbendazole (100 mg)	Q4/2017
1224824	Docusate Sodium Related Compound B (40 mg)	Q4/2017
1546525	Polyethylene Glycol 3000 (1 g)	Q4/2017
1612801	Sisomicin Sulfate (500 mg)	Q4/2017
1162432	Daidzin (30 mg)	Q4/2017



1143008	Cocaine Hydrochloride CII (250 mg)	Q3/2014
1029013	Amitriptyline Related Compound A (25 mg)	Q3/2014
1147009	Colistimethate Sodium (200 mg)	Q3/2014
1286661	Fulvestrant System Suitability Mixture (30 mg)	TBD
1535766	Phosphatidylethanolamine (Soy) (50 mg)	Q4/2017
1362114	Levofloxacin Related Compound A (25 mg)	Q3/2014
1091006	Capreomycin Sulfate (250 mg)	Q4/2017
1013727	Alain (25 mg)	Q4/2017
1141909	Cloxacillin Benzathine (200 mg)	Q3/2014
1548134	Potassium Bicarbonate (1 g) (AS)	Q4/2017

\*Dates are targets and may change at any time. Q1/ 2017 January—March 2017, Q2/ 2017 April – June 2017, Q3- July –September, Q4- October -December

### Items with New Package Size or New Description

Catalog #	Description	Old Size	New Size	Lot	Price (USD)
1040683	Apigenin (30 mg)*	30 mg	30 mg	R072R0	\$275
1000485	Abacavir Related Compounds Mixture (15 mg)*	15 mg	15 mg	R077P0	\$730
1000500	Abacavir System Suitability Mixture (15 mg)*	15 mg	15 mg	R066P0	\$730
1177000	Dexamethasone Phosphate (500 mg)**	200 mg	500 mg	L2M534	\$230
1235988	Entecavir System Suitability Mixture (15 mg)*	15 mg	15 mg	F006K1	\$730
1270399	Fexofenadine Related Compound B (25 mg)*	25 mg	25 mg	R06150	\$730

\* Name changed

\*\* Size 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 July 2017				
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1005706	Glacial Acetic Acid (1.5 mL/ampule; 3 ampules)	R038A0	I0M342 (31-Jul-17)	\$240
1021703	Nitrofurantoin Related Compound A (20 mg)	R045T0	H0M496 (31-Jul-17)	\$730
1043331	Asiaticoside (30 mg)	R04440	F0J354(31-Jul-17)	\$255
1043502	Asparagine Anhydrous (200 mg)	R05130	F0E013(31-Jul-17)	\$240
1043706	Aspartame (200 mg)	R054U0	R008X1(31-Jul-17)	\$230
1044200	Astaxanthin (Synthetic) (3 x 30 mg)	R036P0	R006L0(31-Jul-17)	\$225
1045337	Avobenzone (500 mg)	R038Y0	I0L261(31-Jul-17)	\$230
1046045	Azithromycin Related Compound F (25 mg)	R063K0	F0H313(31-Jul-17)	\$730
1079000	Butabarbital CIII (200 mg)	R032G0	H0C007(31-Jul-17)	\$305
1096724	Carmustine (75 mg) (COLD SHIPMENT REQUI	R071D0	F0I274(31-Jul-17)	\$230
1096917	Cefaclor Delta-3 Isomer (15 mg)	R044L0	I0L239(31-Jul-17)	\$730
1097589	Cefdinir Related Compound B (10 mg)	R047H0	R011W0(31-Jul-17)	\$730
1107004	Chloramphenicol (200 mg)	R041V0	O0H011(31-Jul-17)	\$230
1174001	Desoxycorticosterone Acetate (200 mg)	R037A0	J1I297(31-Jul-17)	\$230
1179865	Dextran 10 Calibration (100 mg)	R053X0	G0M351(31-Jul-17)	\$230
1225281	Dorzolamide Hydrochloride (200 mg)	R036L0	H0L259(31-Jul-17)	\$230
1225420	Doxazosin Related Compound A (20 mg)	R041Y0	F0H023(31-Jul-17)	\$730
1225601	Doxercalciferol (2 x 20 mg)	R060R0	F0M300(31-Jul-17)	\$885
1229817	Duloxetine Hydrochloride (100 mg)	R043X0	F0J323 (31-Jul-17)	\$600
1269200	Famotidine (125 mg)	R048S0	I0E063 (31-Jul-17)	\$185
1286661	Fulvestrant System Suitability Mixture (30 mg)	R049J0	F1M180 (31-Jul-17)	\$740
1286800	Furazolidone (200 mg)	R021X0	H0I140 (31-Jul-17)	\$230
1287020	Furosemide Related Compound A (50 mg)	R04570	K0I004 (31-Jul-17)	\$730
1292336	Glimepiride Related Compound C (20 mg)	R04540	G0M317 (31-Jul-17)	\$730
1342300	Insulin Pork (50 mg)	R052Q0	G0K309 (31-Jul-17)	\$230
1347518	Ipratropium Bromide Related Compound A (10 r	R040U0	F0G150 (31-Jul-17)	\$730
1356643	Ketoprofen Related Compound A (25 mg)	R06610	H2E028 (31-Jul-17)	\$730
1357475	Latanoprost (50 mg)	None	R008T0 (31-Jul-17)	\$1,800
1396364	Methacholine Chloride (500 mg)	None	F0D222 (31-Jul-17)	\$250
1424550	Methylcobalamin (2 x 150 mg)	None	F0M210 (31-Jul-17)	\$230
1446837	Montelukast for Peak Identification (20 mg)	R04260	G0L433 (31-Jul-17)	\$730
1470004	Norethindrone Acetate (100 mg)	R033G0	L0G410 (31-Jul-17)	\$230
1494217	Pancuronium Bromide (500 mg)	R036X0	G1M044 (31-Jul-17)	\$415.
1504489	Penicillin V (200 mg)	R05030	F1C318 (31-Jul-17)	\$230
1535020	Phenytoin Related Compound B (50 mg)	G1J173	G0J173 (31-Jul-17)	\$730
1535733	Phosphatidylcholine (2 x 100 mg)	R042D1	R042D0 (31-Jul-17)	\$230



1546580	Polyethylene Glycol 6000 (1 g)	R055B0	R043G0 (31-Jul-17)	\$230
1576800	Propyl Gallate (200 mg)	R043H1	H01152 (31-Jul-17)	\$230
1609614	Salmeterol Related Compound A (20 mg)	R044P0	R013Y0 (31-Jul-17)	\$730
1623637	Sucrose (100 mg)	R04311	I01179 (31-Jul-17)	\$230
1626500	Sulfadoxine (200 mg)	F5H227	F4H227 (31-Jul-17)	\$230
1634000	Sulfapyridine (200 mg)	R040H0	I0B298 (31-Jul-17)	\$230
1683504	Trientine Hydrochloride (200 mg)	R057X0	G0H377 (31-Jul-17)	\$230
1698002	Tromethamine (125 mg)	R046Q0	G (31-Jul-17)	\$185
1700512	Tryptophan Related Compound A (15 mg)	R056W0	F1L273 (31-Jul-17)	\$730
1712001	Vigabatrin (200 mg)	R06740	F0L108 (1-Jul-17)	\$330

### No Longer Valid as of August 2017

Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1009901	Acetyltributyl Citrate (3 x 200 mg)	R053A0	H0I337 (31-Aug-17)	\$230
1104006	Cetylpyridinium Chloride (500 mg)	J2K032	J1K032 (31-Aug-17)	\$230
1140101	Clomiphene Related Compound A (100 mg)	R06400	F2K006 (31-Aug-17)	\$730
1157035	Cyclophosphamide Related Compound C (25 mg)	R052B0	F1I382 (31-Aug-17)	\$730
1224551	Docetaxel (200 mg)	R021Y0	R002E0 (31-Aug-17)	\$1,870
1235106	Emtricitabine (200 mg)	R060K0	F0J163 (31-Aug-17)	\$750
1255001	Estrone (200 mg)	R030H0	L0F119 (31-Aug-17)	\$230
1260012	Ethinyl Estradiol Related Compound A (20 mg)	R035D0	J0K316 (31-Aug-17)	\$730
1294808	Glutamine (100 mg)	R049A0	G0F037 (31-Aug-17)	\$240
1329006	Hydroxyprogesterone Caproate (200 mg)	R058T0	I0J015 (31-Aug-17)	\$230
1335428	Ibandronate Related Compound A (25 mg)	R04700	F0K080 (31-Aug-17)	\$730
1356676	Anhydrous Lactose (100 mg)	R043D0	H0K342 (31-Aug-17)	\$240
1356698	Lactase (200 mg)	R000N1	R000N0 (31-Aug-17)	\$240
1357533	Latanoprost Related Compound E	R046U0	R02900 (31-Aug-17)	\$975
1370291	Loratadine Related Compound B (15 mg)	R049Q0	G0I358 (31-Aug-17)	\$730
1381119	Menaquinone-7 (3 x 50 mg)	R059X0	F0M288 (31-Aug-17)	\$230
1448606	Moxifloxacin Hydrochloride (200 mg)	R03640	G1L290 (31-Aug-17)	\$610
1494807	Pantolactone (500 mg)	R04990	H0M077 (31-Aug-17)	\$730
1502009	Penicillin G Benzathine (200 mg)	R04010	J1D164 (31-Aug-17)	\$230
1534209	Phenyl Salicylate Melting Point Standard (1 g)	None	F1M306 (31-Aug-17)	\$135
1554228	Pravastatin Related Compound B (20 mg)	F1G230	F0G230 (31-Aug-17)	\$730
1572536	Propofol Related Compound A (25 mg)	R004R0	I0K007 (31-Aug-17)	\$730
1576005	Propranolol Hydrochloride (200 mg)	R031H0	I1G348 (31-Aug-17)	\$230
1605500	Ropivacaine Hydrochloride (200 mg)	R047V0	F0E334 (31-Aug-17)	\$230
1614396	Sodium Metabisulfite (2 X 500 mg)	R043N0	F1L076 (31-Aug-17)	\$230
1619017	Spirolactone Related Compound A (100 mg)	R06520	F0E184 (31-Aug-17)	\$730
1642802	Tacrolimus (150 mg)	R055E0	H0M009 (31-Aug-17)	\$1,085
1718039	Voriconazole Related Compound C (10 mg)	R058A0	F0K324 (31-Aug-17)	\$730

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<b>No Longer Valid as of September 2017</b>				
<b>Catalog #</b>	<b>Description</b>	<b>Current Lot</b>	<b>Previous Lot/ Valid Use Date</b>	<b>Price (USD)</b>
1011754	Adapalene Related Compound E (25 mg)	R066R0	F0L080 (30-Sep-17)	\$730
1018505	Amantadine Hydrochloride (200 mg)	R049P0	I0J377 (30-Sep-17)	\$230
1046056	Azithromycin (200 mg)	R043P0	J0I240 (30-Sep-17)	\$230
1046307	Aztreonam E-Isomer (15 mg)	R05390	G1L370 (30-Sep-17)	\$730
1048007	Bacitracin Zinc (200 mg)	R048C0	P0J327 (30-Sep-17)	\$230
1065210	Berberine Chloride (50 mg)	R04130	F0E185 (30-Sep-17)	\$335
1082708	Butylated Hydroxytoluene (500 mg)	R052T0	H1L344 (30-Sep-17)	\$230
1085003	Caffeine (200 mg)	R04330	K0K210 (30-Sep-17)	\$230
1098231	Cefuroxime Axetil Delta-3-Isomers (10 mg)	R04630	J0K016 (30-Sep-17)	\$730
1154525	Cyclobenzaprine Related Compound B (10 mg)	F1L194	F0L194 (30-Sep-17)	\$730
1171900	Desflurane (0.5 mL)	H1L485	H0L485 (30-Sep-17)	\$230
1188709	Diclofenac Potassium (200 mg)	R034L0	F0F269 (30-Sep-17)	\$230
1245008	Erythromycin Ethylsuccinate (200 mg)	R064T0	H(30-Sep-17)	\$230
1282707	Fondaparinux Sodium for Assay (0.6 mL)	R065E0	F0M178 (30-Sep-17)	\$240
1295516	Glyburide Related Compound A (25 mg)	R046T0	F2M490 (30-Sep-17)	\$730
1300004	Guaiacol (1 g)	R038B0	L0G102 (30-Sep-17)	\$230
1340009	Indocyanine Green (250 mg)	R05540	J1J241(30-Sep-17)	\$250
1356756	Lamotrigine (150 mg)	R047D0	G0L316 (30-Sep-17)	\$670
1374340	Magnesium Stearate (5 g)	R052H0	F0D214 (30-Sep-17)	\$230
1375058	Mandelic Acid (500 mg)	R057E0	R004S0 (30-Sep-17)	\$200
1391000	3-Mercapto-2-methylpropanoic Acid 1,2-Diphenylethylamine Salt (75 mg)	H1L022	H0L022 (30-Sep-17)	\$730
1396331	Metformin Related Compound B (25 mg)	R045P0	R01570 (30-Sep-17)	\$730
1430349	Methyl Linolenate (5 x 50 mg)	R048R0	I0M080 (30-Sep-17)	\$200
1478403	Olopatadine Hydrochloride (150 mg)	R058Q0	F1J014 (30-Sep-17)	\$315
1563502	Procainamide Hydrochloride (200 mg)	I1I286	I0I286 (30-Sep-17)	\$230
1586009	Pyridostigmine Bromide (200 mg)	R05040	J0G251 (30-Sep-17)	\$230
1598700	Ranitidine Related Compound C (50 mg)	R04740	I2G232 (30-Sep-17)	\$730
1612539	Sertraline Hydrochloride (100 mg)	R050W0	F0I030 (30-Sep-17)	\$585
1643408	Temazepam CIV (200 mg)	R055N0	I0L082 (30-Sep-17)	\$305
1656002	Thiamine Hydrochloride (500 mg)	R03990	P0K366 (30-Sep-17)	\$230
1667643	Tigecycline (300 mg)	R056K0	F0M325 (30-Sep-17)	\$440
1668001	Tolazamide (200 mg)	R058B0	G-2 (30-Sep-17)	\$230



## Now Official!

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**USP 40–NF 35 is official as of May, 2017**

**The latest version of the USP–NF was released on November 1, 2016.** The USP 40–NF 35 features more than 4,900 monographs and over 300 general chapters. Changes include:

- 17 new or revised general chapters and more than 120 new and revised Reagents
- 154 new or revised monographs, including the first Global Health monograph for Chlorhexidine Gluconate Topical Gel
- Plus important changes to General Notices and Requirements



Visit <http://www.usp.org/products> and select “buy now” under the icon of the USP–NF that you wish to order.

## USP–NF Flash Drive Product



USP would like to inform you of some upcoming changes to the USP–NF Flash Drive product. These changes will become effective with the release of the USP41–NF36 Flash Drive product on November 1st, 2017.

**New product features will include:**

- Left-hand navigation panel with detailed bookmarks
- Search tool that works across the entire publication including Supplements
- No internet connection necessary to view or access PDF content

If you have any questions or concerns, please contact Trey White III, PhD, Senior Director, Documentary Standards [faw@usp.org](mailto:faw@usp.org).

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## Showcasing...

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Introducing the  
**USP Reference  
Standards and  
Resources APP**



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To download and learn more go to  
<http://www.usp.org/reference-standards-app>

## Event Highlights

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### **USP User Forums Coming to a city near you!**

The USP Strategic Customer Development 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).

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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](#).

Registration Now Open for:

### [Re-thinking Pharmaceutical Technology Continuing Education](#)

September 14, 2017 – September 15, 2017

### [USP's 7th Bioassay Workshop - Bioassay: A Lifecycle Approach](#)

September 25, 2017 - September 26, 2017

### [Computer Modeling - In vitro and In vivo Studies](#)

October 23, 2017 - October 25, 2017

### [International Probiotics Association \(IPA\) Workshop co-sponsored by USP](#)

October 26, 2017

### [4th USP Workshop on Synthetic Therapeutic Peptides: Regulations, Standards and Quality](#)

November 6, 2017 - November 7, 2017

## [Stakeholder Forums](#)

Stakeholder Forums are your opportunity to hear about USP's plans for future standards and to get involved in the process. Attendance is free, and you can participate via WebEx, for more details click [here](#).

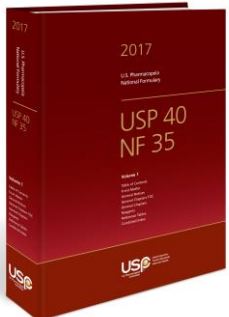

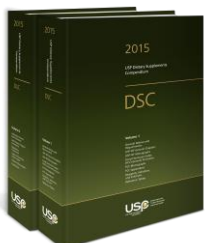

## USP Education

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USP's 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 [Education.usp.org](http://Education.usp.org). Sign up [here](#) to receive USP Education information.



## USP Publication Highlights

	<p><b>Be Prepared for Compliance—Order <i>USP40–NF 35</i> Today!</b>          The latest edition of <i>USP–NF</i> was published on November 1, 2016. Order today for access to important updates, including:</p> <ul style="list-style-type: none"> <li>• 17 new or revised general chapters, and more than 120 new and revised Reagents</li> <li>• 154 new or revised monographs for drug substances, drug products, excipients, and dietary supplements!</li> </ul> <p>Available in print, online, and USB flash drive formats. Visit <a href="http://www.usp.org/products">http://www.usp.org/products</a> and select “buy now” under the icon of the <i>USP–NF</i> that you wish to order 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><b>New <i>Food Chemicals Codex (FCC) Online Platform</i></b>          The <i>FCC</i> is a collection of internationally recognized standards, methods and information that enables manufacturers and suppliers to verify the identity, quality, and purity of food ingredients including probiotics, prebiotics, sweeteners, colorants, flavors, and more. On September 1, USP launched a new enhanced <i>FCC</i> Online platform, featuring:</p> <ul style="list-style-type: none"> <li>• <b>Improved global search functionality</b></li> <li>• <b>Simplified navigation</b></li> <li>• <b>Personalized workspace</b></li> <li>• <b>New individual accounts</b></li> </ul> <p><b>Order now at <a href="#">order FCC</a></b> 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). <b>For a limited time, purchase the <i>FCC</i> and receive 20% off the <a href="#">Food Fraud Database</a>.</b> Discount cannot be combined with other offers or enterprise subscriptions</p>
	<p><b>2015 <i>Dietary Supplements Compendium (DSC)</i>:</b>          The 2015 <i>DSC</i> has about 100 more monographs; over 40 new or revised Admissions Evaluations; more than 20 additional General Chapters; plus 150 pages added of full-color illustrations and/or images have been added. <b>Save \$100 with promotion code HDWDZZ25. Order now at <a href="http://www.usp.org/store/products/dietary-supplements-compendium">http://www.usp.org/store/products/dietary-supplements-compendium</a></b> or by calling USP Customer Service 1-800-227-8772 (U.S. / Canada), +1-301-881-0666, or 00-800-4875-5555 (Select Europe).</p>
	<p><b><i>USP38–NF33 Archive Available Now!</i></b> Complete content of previously-official <i>USP38–NF33</i> on one flash drive. This valuable reference tool designed for scientists and industry professionals is now available electronically. Both Archives are provided as PDF files on USB flash drives. <b>Order now at <a href="http://www.uspnf.com/purchase-usp-nf/usp-nf-archive">http://www.uspnf.com/purchase-usp-nf/usp-nf-archive</a></b> or by calling USP Customer Service 1-800-227-8772 (U.S. / Canada), +1-301-881-0666, or 00-800-4875-5555 (Select Europe).</p>



## Champion for Quality—Partner with USP

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To ensure effective and high quality medicines, we are working hard to update and increase the number of new monographs in the *USP–NF*. But we can't do it alone. We need partners like you.

By partnering with us, you are helping to ensure greater availability of quality assured medicines, meeting FDA regulatory needs, and creating efficiencies in testing and compliance.

To learn more, contact Mike Goede at [myg@usp.org](mailto:myg@usp.org).

## Compendial Highlights

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### [New Official Text](#)

#### Revision Bulletins

- [Salix Species Bark](#) (posted 28–Jul–2017; official 01–Dec–2017)
- [Salix Species Bark Dry Extract](#) (posted 28–Jul–2017; official 01–Dec–2017)
- [Salix Species Bark Powder](#) (posted 28–Jul–2017; official 01–Dec–2017)

#### Errata:

[Access Updated USP–NF Errata Table](#)

#### IRAs

[Nothing New](#)

#### Stage 6 Notices

[Nothing New](#)



## [Compendial Notices](#)

One Updated Notice of Intent to Revise:

*Posted August 25, 2017*

[Metronidazole Gel \(Removal\)](#)

## **General Announcements:**

- [2015-2020 Cumulative List of USP–NF Revisions](#) (updated 28–July–2017)

## **Comment on Proposed USP–NF Standards:**

- [Pharmacopeial Forum 43\(4\) \[Jul.–Aug 2017\] Open for Comment](#) (deadline: September 30, 2017)

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## Call for Candidates:

[USP Volunteer Online Recruitment Form Now Available](#)

Visit the [Call For Candidates](#) website to learn more and apply



## [Stimuli Articles](#)

Stimuli Articles can be accessed for free at [www.usppf.com](http://www.usppf.com)

## Tip of the Month

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### The RS App is here to help!!

“USP Reference Standards valid date of use could change any given day. Which means that in order to stay in compliance you, every day before using the Reference Standard, will have to check its valid date of use”.

Now, USP makes it easier by sending you alerts at the precise moment a Reference Standard you use changed or you can use the barcode reader in the App to obtain the updated information of the Reference Standard straight out of the barcode on the vial label.

***Download the Reference Standard and Resources App in your phone or tablet and get updated information and alerts on the reference standards you select.***





## Question of the Month

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### **What is the Dissolution Performance Verification Testing (PVT)?**

The USP Performance Verification Test (PVT) is an integral part of the General Chapter <711> Dissolution and assesses proper dissolution apparatus performance. PVT is a holistic test and by using the reference standard material and the standard procedure, laboratories can compare results from their instrument with other laboratories worldwide. The PVT acceptance criteria for geometric mean (GM) and coefficient of variation (%CV) are a measure for the trueness and precision of the results within the context of ISO 5725-6.