



July, 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dates; items that have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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)
1065221	Bendamustine Hydrochloride (200 mg)	F070G0	\$250.00
1065254	Bendamustine Related Compound C (20 mg)	F070K0	\$3,600.00
1065276	Bendamustine Related Compound E (20 mg)	F070M0	\$1,900.00
1067034	Betamethasone Acetate Related Compound C (20 mg)	F067X0	\$2,100.00
1067045	Betamethasone Acetate Related Compound D (20 mg)	F067Y0	\$2,100.00
1133977	Cinacalcet Hydrochloride (250 mg)	F060D0	\$390.00
1248218	Erythropoietin (100 ug)	F04800	\$750.00
1270363	Fexofenadine (200 mg)	F074R0	\$340.00
1288485	Gelatin (500 mg)	F070S0	\$230.00
1295797	Glyceryl Tricaprylate (3 x 0.5 mL)	F065R0	\$275.00
1329822	Low-substituted Hydroxypropyl Cellulose (100 mg)	F067J0	\$340.00
1353157	Isostearyl Isostearate (1 mL)	F069L0	\$275.00
1467848	Nobiletin (100 mg)	F062T0	\$335.00
1483469	Oxiconazole Related Compound D (50 mg)	F072U0	\$730.00
1483470	Oxiconazole Related Compound E (100 mg)	F072V0	\$730.00

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Items with New Lots

Catalog #	Description and Package Size	Current Lot	Previous Lot (Valid Use Date)	Price (USD)
1031004	Amodiaquine Hydrochloride (500 mg)	R078L0	J0I144 (31-May-18)	\$230
1040683	Apigenin (30 mg)	R072R0	F0H245 (30-Jun-18)	\$275
1042601	Arginine Hydrochloride (125 mg)	R071L0	R00400 (31-Jul-18)	\$195
1042850	Artesunate (200 mg)	R07680	F1L256 (31-May-18)	\$230
1043728	Aspartame Related Compound A (25 mg)	R06830	J0J061 (31-Jul-18)	\$730
1044006	Aspirin (500 mg)	R059R0	H (30-Jun-18)	\$230
1076308	Bleomycin Sulfate (15 mg)	L1L527	L0L527 (31-Jul-18)	\$455
1078507	Bupivacaine Hydrochloride (300 mg)	R04320	I0L104 (31-Jul-18)	\$230
1097625	Cefdinir Related Compound A (10 mg)	R066G0	F0G373 (30-Jun-18)	\$730
1118361	Chloroquine Related Compound E (10 mg)	R073R0	F0L547 (30-Jun-18)	\$730
1133503	Cholic Acid (2 g)	R07280	R016D0 (30-Jun-18)	\$225
1157002	Cyclophosphamide (500 mg)	R075X0	R01530 (31-Mar-18)	\$185
1226003	Doxycycline Hyclate (200 mg)	R065H0	J1E174 (30-Jun-18)	\$230
1269119	FAME Standard Mixture (100 mg)	R060B0	R02730 (30-Apr-18)	\$225
1270399	Fexofenadine Related Compound B (25 mg)	R06150	G0L338 (30-Jun-18)	\$730
1356803	Lactulose (1 g)	R04531	R04530 (31-Jul-18)	\$240
1370804	Lutein (3 X 50 mg)	R045E0	G0L260 (31-May-18)	\$1,090
1374306	Magnesium Salicylate (200 mg)	R06980	F3B081 (30-Jun-18)	\$230
1396309	Metformin Hydrochloride (200 mg)	R069H0	J0L465 (30-Jun-18)	\$270
1431603	Methyl Palmitate (3 x 100 mg)	R057M0	H0K274 (30-Jun-18)	\$200
1443205	Metyrosine (200 mg)	R068B0	R056Y0 (31-Jul-18)	\$230
1443715	Midodrine Related Compound A (40 mg)	R081E0	F0J069 (30-Jun-18)	\$730
1448672	Moxifloxacin Related Compound G (15 mg)	R080N0	F029J0 (30-Jun-18)	\$730
1477808	Octyldodecanol (100 mg)	R059P0	H1M071 (30-Jun-18)	\$230
1535788	Phosphatidylinositol (Soy) Sodium (20 mg)	R080H0	R047X0 (30-Apr-18)	\$230
1584003	Pyrantel Pamoate (500 mg)	R06040	J1M553 (30-Jun-18)	\$230
1598075	Rabeprazole Related Compound F (15 mg)	R08050	F0M256 (31-May-18)	\$730
1613804	Sodium Chloride (1 g)	R047R0	I0L447 (31-Jul-18)	\$230
1643612	Tenofovir Disoproxil Related Compound A (10 mg)	R076Y0	R03220 (31-Jul-18)	\$730
1686309	Trifluridine (100 mg)	R07710	H0K252 (30-Apr-18)	\$280
1708004	Valganciclovir Hydrochloride (500 mg)	R07160	F0H008 (30-Jun-18)	\$355
1722005	Xylose (1 g)	R073K0	F1G143 (31-Mar-18)	\$230
1724805	Zolazepam Hydrochloride (500 mg)	R067K0	G0C023 (30-Jun-18)	\$230



Previously Out-of-Stock Items Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1031004	Amodiaquine Hydrochloride (500 mg)	R078L0	\$230
1042601	Arginine Hydrochloride (125 mg)	R071L0	\$195
1043728	Aspartame Related Compound A (25 mg)	R06830	\$730
1076308	Bleomycin Sulfate (15 mg)	L1L527	\$455
1097625	Cefdinir Related Compound A (10 mg)	R066G0	\$730
1133503	Cholic Acid (2 g)	R07280	\$225
1157002	Cyclophosphamide (500 mg)	R075X0	\$185
1269119	FAME Standard Mixture (100 mg)	R060B0	\$225
1370804	Lutein (3 X 50 mg)	R045E0	\$1,090
1374306	Magnesium Salicylate (200 mg)	R06980	\$230
1431603	Methyl Palmitate (3 x 100 mg)	R057M0	\$200
1448672	Moxifloxacin Related Compound G (15 mg)	R080N0	\$730
1477808	Octyldodecanol (100 mg)	R059P0	\$230
1535788	Phosphatidylinositol (Soy) Sodium (20 mg)	R080H0	\$230
1598075	Rabeprazole Related Compound F (15 mg)	R08050	\$730
1686309	Trifluridine (100 mg)	R07710	\$280
1711009	Vanillin Melting Point Standard (1 g)	L1M294	\$140
1724805	Zolazepam Hydrochloride (500 mg)	R067K0	\$230

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Backorder Availability Estimates, June 27, 2017

Catalog #	Description	Expected Availability*
1012203	Agnuside (25 mg)	Q3/2017
1025602	Amino Methacrylate Copolymer (1.5 g)	Q3/2017
1044538	Atorvastatin Related Compound B (20 mg)	Q3/2017
1087009	Calcium Pantothenate (200 mg)	Q3/2017
1111908	P-Chloroaniline (200 mg)	Q4/2017
1118000	Chloroquine Phosphate (500 mg)	Q3/2017
1152009	Cyanocobalamin (5 x 300 mg)	Q4/2017
1154558	Alpha Cyclodextrin (500 mg)	Q3/2017
1225317	Dorzolamide Related Compound B (15 mg)	Q3/2017
1231750	Echinacoside (15 mg)	Q3/2017
1232006	Edetate Calcium Disodium (200 mg)	Q3/2017
1286322	Fosfomycin Tromethamine (800 mg)	Q3/2017
1342037	Insulin Aspart (7.45 mg)	Q4/2017
1357475	Latanoprost (50 mg)	Q3/2017
1396364	Methacholine Chloride (500 mg)	Q4/2017
1424550	Methylcobalamin (2 x 150 mg)	Q3/2017
1435003	Methylprednisolone (200 mg)	Q3/2017
1443715	Midodrine Related Compound A (40 mg)	Q3/2017
1445506	Monobenzene (200 mg)	Q3/2017
1448990	Myristic Acid (200 mg)	Q3/2017
1475008	Novobiocin (200 mg)	Q3/2017
1492244	Palonosetron Related Compound C (15 mg)	Q3/2017
1501006	Penicillamine (200 mg)	Q3/2017
1510890	Perindopril Related Compound A (20 mg)	Q3/2017
1534209	Phenyl Salicylate Melting Point Standard (500 mg)	Q3/2017
1547969	Polysorbate 80 (2 g)	Q3/2017
1601180	Residual Solvent Class 1 - 1,2-Dichloroethane (1.2 mL/ampule; 3 ampules)	Q3/2017
1601408	Residual Solvent Class 2 - Cyclohexane (1.2 mL/ampule; 3 ampules)	Q3/2017
1612641	Silydianin (20 mg)	Q3/2017
1623411	Succinic Acid (300 mg)	Q3/2017
1706701	Urea C 13 (150 mg)	Q3/2017

*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

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Items with New Package Size or New Description

Catalog #	Description	Old Size	New Size	Lot	Price (USD)
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
1040683	Apigenin (30 mg)	30 mg	30 g	R072R0	\$275
1093023	Carbamazepine Related Compound B (50 mg)	50 mg	50 mg	R058H0	\$730
1235988	Entecavir System Suitability Mixture (15 mg)	15 mg	15 mg	F006K1	\$730
1270311	Ferulic Acid (25 mg)	25 mg	25 mg	F1J193	\$225
1270399	Fexofenadine Related Compound B (25 mg)	25 mg	25 mg	R06150	\$730
1478629	Ondansetron Related Compound D (30 mg)	30 mg	30 mg	R065P0	\$730

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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 2017				
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1201002	17alpha-Dihydroequilin (50 mg)	J1L148	J0L148 (30-Jun-17)	\$310
1019494	Amikacin Sulfate (100 mg)	R04820	F0L324 (30-Jun-17)	\$230
1149004	Corticotropin (5.3 Units/vial; 2 vials)	N/A	M2I180 (30-Jun-17)	\$195
1197302	Diflorasone Diacetate (200 mg)	R042F0	H0G388 (30-Jun-17)	\$230
1206006	Dimenhydrinate (200 mg)	R041E0	J1H302 (30-Jun-17)	\$230
1229409	Drospirenone (200 mg)	R042S0	G0K259 (30-Jun-17)	\$230
1269312	Felbamate (250 mg)	F1K169	F0K169 (30-Jun-17)	\$805
1270821	Flecainide Related Compound A (75 mg)	R047E0	F (30-Jun-17)	\$730
1296010	Glycopyrrolate Erythro Isomer (25 mg)	F1K076	F0K076 (30-Jun-17)	\$730
1338834	Indapamide Related Compound C (20 mg)	N/A	F0M181 (30-Jun-17)	\$730
1338845	Indapamide Related Compound D	N/A	F0M540 (30-Jun-17)	\$730
1308505	L-Histidine (200 mg)	R006Y0	J0L219 (30-Jun-17)	\$240
1371501	L-Lysine monoacetate (200 mg)	R045C0	G0K361 (30-Jun-17)	\$240
1708503	L-Valine (200 mg)	R005R0	H0K289 (30-Jun-17)	\$240
1356687	Lactitol (500 mg)	G1E254	G0E254 (30-Jun-17)	\$230
1356803	Lactulose (1 g)	R04530	I0I186 (30-Jun-17)	\$240
1357486	Latanoprost Related Compound A (50 mg)	R043Y0	R011U0 (30-Jun-17)	\$970
1357497	Latanoprost Related Compound B (25 mg)	R028M0	F0J398 (30-Jun-17)	\$975
1362602	Levonorgestrel (125 mg)	R029N0	G0L474 (30-Jun-17)	\$230
1375047	Maltotriose (500 mg)	R06440	F04110 (30-Jun-17)	\$230
1379423	Meloxicam Related Compound B (25 mg)	H1K353	H0K353 (30-Jun-17)	\$730
1438205	Methyl Tricosanoate (200 mg)	R043M0	G0L562 (30-Jun-17)	\$215
1424550	Methylcobalamin (2 x 150 mg)	N/A	R046E0 (30-Jun-17)	\$230
1443205	Metyrosine (200 mg)	R056Y0	F1K312 (30-Jun-17)	\$230
1448617	Moxifloxacin Related Compound A (25 mg)	R03630	G0M015 (30-Jun-17)	\$730
1468501	Norepinephrine Bitartrate (125 mg)	R034M0	J0K234 (30-Jun-17)	\$185
1477943	Octisalate (400 mg)	R018N0	H0L453 (30-Jun-17)	\$230
1478527	Omeprazole Related Compound E (15 mg)	R04730	F2M515 (30-Jun-17)	\$730
1550001	Potassium Gluconate (200 mg)	R03620	I1M103 (30-Jun-17)	\$230
1559505	Prednisone Tablets (30 tablets)	R05990	R031Y1 (30-Jun-17)	\$270
1601770	Residual Solvent Class 2 - Tetrahydrofuran (1.2 mL/ampule; 3 ampules)	R03570	G0M070 (30-Jun-17)	\$230
1612415	Sesame Oil Related Compound A (12 mg/vial; 2	R047F0	R01760 (30-Jun-17)	\$715
1614454	Sodium Nitrite (1 g)	F1D117	F0D117 (30-Jun-17)	\$230
1620209	Stavudine (250 mg)	R04250	F0E050 (30-Jun-17)	\$355
1664000	Thiotepa (500 mg)	R046R0	J0J225 (30-Jun-17)	\$230
1672206	Topiramate (150 mg)	R029Y0	H0K055 (30-Jun-17)	\$305
1707872	Valacyclovir Related Compound E (25 mg)	R046C0	F0I079 (30-Jun-17)	\$730



1708718	Valproic Acid Related Compound B (50 mg)	R033C0	R00020 (30-Jun-17)	\$730.
1714007	Vincristine Sulfate (50 mg)	Y06331	R0K248 (30-Jun-17)	\$705
1717708	Vitexin (25 mg)	R049C0	H0L337 (30-Jun-17)	\$670
1724747	Zinc Oxide (200 mg)	R04081	F0D170 (30-Jun-17)	\$230

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	H0I152 (31-Jul-17)	\$230



1609614	Salmeterol Related Compound A (20 mg)	R044P0	R013Y0 (31-Jul-17)	\$730
1623637	Sucrose (100 mg)	R04311	I0I179 (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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Now Official!

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.

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Event Highlights

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.

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:

[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](#).

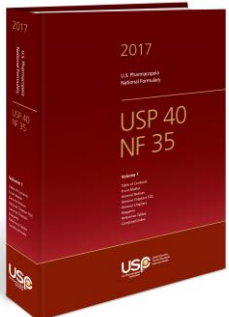

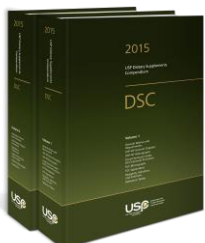

USP Education

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

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USP Publication Highlights

	<p>Be Prepared for Compliance—Order <i>USP40–NF 35</i> Today! 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"> • 17 new or revised general chapters, and more than 120 new and revised Reagents • 154 new or revised monographs for drug substances, drug products, excipients, and dietary supplements! <p>Available in print, online, and USB flash drive formats. Visit http://www.usp.org/products 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>New <i>Food Chemicals Codex (FCC) Online Platform</i> 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"> • Improved global search functionality • Simplified navigation • Personalized workspace • New individual accounts <p>Order now at order 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). For a limited time, purchase the <i>FCC</i> and receive 20% off the Food Fraud Database. Discount cannot be combined with other offers or enterprise subscriptions</p>
	<p>2015 <i>Dietary Supplements Compendium (DSC)</i>: 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. Save \$100 with promotion code HDWDZZ25. Order now at http://www.usp.org/store/products/dietary-supplements-compendium 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><i>USP38–NF33 Archive Available Now!</i> 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. Order now at http://www.uspnf.com/purchase-usp-nf/usp-nf-archive 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

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.

Compendial Highlights

New Official Text



Revision Bulletins

- [Bupropion Hydrochloride Extended-Release Tablets](#) (posted 26–May–2017; official 01–June–2017)
- [Doxycycline Capsules](#) (posted 26–May–2017; official 01–June–2017)
- [Levetiracetam Extended-Release Tablets](#) (posted 26–May–2017; official 01–June–2017)
- [Promethazine Hydrochloride Injection](#) (posted 26–May–2017; official 01–June–2017)
- [<659> Packaging and Storage Requirements](#) (posted 28–Apr–2017; official 01–May–2017; updated 26–May–2017)
- [<661> Plastic Packaging Systems and Their Materials of Construction](#) (posted 28–Apr–2017; official 01–May–2017; updated 26–May–2017)
- [<661.1> Plastic Materials of Construction](#) (posted 28–Apr–2017; official 01–May–2017; updated 26–May–2017)
- [<661.2> Plastic Packaging Systems for Pharmaceutical Use](#) (posted 28–Apr–2017; official 01–May–2017; updated 26–May–2017)



E Errata:

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

IRA IRAs

[Sulindac Tablets](#) (posted 26–May–2017; official 01–Jul–2017)

H6 [Stage 6 Notices](#)

[Nothing New](#)

[Compendial Notices](#)

Comment Period Extended for Packaging General Chapters Appearing in PF 43(3)

On the basis of comments received to date, USP is extending the comment deadline for the PF 43(3) revision proposal for the following General Chapters by 60 days to September 30, 2017:

- <381> Elastomeric Components Used in Injectable Pharmaceutical Packaging/Delivery Systems
- <1381> Elastomeric Evaluation of Elastomeric Components Used in Pharmaceutical Packaging/Delivery Systems
- <382> Elastomeric Closure Functionality in Injectable Pharmaceutical Packaging/Delivery Systems
- <1382> Assessment of Elastomeric Closure Functionality in Injectable Pharmaceutical Packaging/Delivery Systems
- <660> Glass Containers Used in Pharmaceutical Packaging/Delivery Systems – major revisions coming in 2018
- <1660> Glass Containers Used in Pharmaceutical Packaging/Delivery Systems: Manufacture and Evaluation of the Inner Surface Durability
- <665> Polymeric Components and Systems Used in the Manufacturing of Pharmaceutical and Biopharmaceutical Drug Products
- <1665> Plastic Components and Systems Used to Manufacture Pharmaceutical Drug Products



- [Notice of Publication Error: USP 40–NF 35 Second Supplement: Timolol Maleate](#) (posted 30–Jun–2017)
- [Notice of Intent to Revise: Salix Species Bark](#) (posted 30–Jun–2017)
- [Notice of Intent to Revise: Salix Species Bark Powder](#) (posted 30–Jun–2017)
- [Notice of Intent to Revise: Salix Species Bark Dry Extract](#) (posted 30–Jun–2017)
- [Notice of Intent to Revise: General Chapter <561> Articles of Botanical Origin](#) (posted 30–Jun–2017)
- [Notice of Intent to Revise: Witch Hazel](#) (posted 30–Jun–2017)
- [USP 40–NF 35: General Chapter <191> Notice](#) (posted 01–Jun–2017)
- [General Chapter Prospectus: <825> Compounding—Radiopharmaceuticals](#) (posted 01–Jun–2017; deadline 31-Aug-2017)

General Announcements:

- [Notice of Publication Error: USP 40–NF 35 Second Supplement: Timolol Maleate](#) (posted 30–Jun–2017)
- [USP 40–NF 35: General Chapter <191> Notice](#) (posted 01–Jun–2017)
- [<797> Pharmaceutical Compounding—Sterile Preparations to be Republished in Pharmacopeial Forum for Public Comment](#) (posted 27–Jan–2017)
- [Changes to General Chapter Format and General Chapter Reference Format](#) (posted 31–Jul–2015)
- [Changes to Pending Monographs Program](#) (posted 29–May–2015)
- [Cumulative List of USP–NF Revision Now Available](#) (posted 29–Jul–2016)
- [Early Input Sought on Proposed Naturally Occurring Endotoxin \(NOE\) Reference Standard](#) (posted 27–May–2016)
- [Comment Deadline for Pharmacopeial Forum 43\(2\) Extended](#) (posted 23–May–2017)
- [Reagent Cross References in USP–NF](#) (posted 31–Jul–2015)
- [USP to Pilot Process for Early Input on General Chapters](#) (posted 26–Feb–2016)
- [Stimuli to the Revision Process: Proposed New USP General Chapter: The Analytical Procedure Lifecycle <1220>](#) (posted 14–Oct–2016)

Comment on Proposed USP–NF Standards:

Nothing New

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[Stimuli Articles](#)

Stimuli Articles can be accessed for free at www.usppf.com

Tip of the Month

“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.

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Question of the Month

Do I have to perform all ID tests in the monograph?

You would need to perform all ID tests called for in the monograph as stated in section 5.40 of the USP-NF General Notices.

5.40. Identity

A compendial test titled Identity or Identification is provided as an aid in verifying the identity of articles as they are purported to be, e.g., those taken from labeled containers, and to establish whether it is the article named in USP–NF. The Identity or Identification test for a particular article may consist of one or more procedures. When a compendial test for Identity or Identification is undertaken, all requirements of all specified procedures in the test must be met to satisfy the requirements of the test. Failure of an article to meet all the requirements of a prescribed Identity or Identification test (i.e., failure to meet the requirements of all of the specified procedures that are components of that test) indicates that the article is mislabeled and/or adulterated

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