



May, 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dates; items that have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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 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 www.usp.org/reference-standards/find-reference-standard/notification-service.

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New Reference Standards Now Available

| Catalog # | Description and Package Size | Lot | Price (USD) |
|-----------|--|--------|-------------|
| 1138019 | Clindamycin Phosphate System Suitability (30 mg) | F078S0 | \$730 |
| 1298092 | Granisetron (100 mg) | F067G0 | \$230 |
| 1347813 | Isobutylidene Diurea (300 mg) | F05450 | \$450 |
| 1429113 | Methylenediurea (300 mg) | F05460 | \$450 |
| 1473400 | Norscopolamine (20 mg) | F07090 | \$730 |
| 1601452 | Residual Solvent Class 2 - Methylisobutylketone (3 x 1.2 mL) | F05440 | \$230 |
| 1696175 | Triuret (300 mg) | F053T0 | \$450 |

Items with New Lots

| Catalog # | Description and Package Size | Current Lot | Previous Lot (Valid Use Date) | Price (USD) |
|-----------|--|-------------|-------------------------------|-------------|
| 1000496 | Abacavir Stereoisomers Mixture (15 mg) | R077N0 | R044D0 (30-Apr-18) | \$730 |
| 1012509 | L-Alanine (200 mg) | R06030 | H0M400 (30-Apr-18) | \$230 |
| 1027346 | Amiodarone Related Compound D (20 mg) | R069X0 | F1J007 (31-May-18) | \$730 |
| 1031536 | Amoxicillin Related Compound C (15 mg) | R072H0 | F1K023 (31-May-18) | \$730 |
| 1071213 | Bicalutamide Related Compound A (25 mg) | F1E322 | F0E322 (30-Apr-18) | \$730 |
| 1102929 | Cetirizine Hydrochloride (250 mg) | R059H0 | G0L451 (30-Apr-18) | \$230 |
| 1130527 | Chlorzoxazone Related Compound A (50 mg) | H1G336 | H0G336 (31-Mar-18) | \$730 |
| 1133004 | Cholestyramine Resin (500 mg) | R06850 | J0J386 (31-Mar-18) | \$185 |
| 1133547 | Choline Chloride (500 mg) | R060C0 | H1J308 (31-Jan-18) | \$230 |
| 1138008 | Clindamycin Phosphate (250 mg) | R06300 | K0M017 (30-Apr-18) | \$315 |
| 1158650 | Cyclosporine Resolution Mixture (25 mg) | R063L0 | G0J352 (31-May-18) | \$615 |
| 1173246 | Desogestrel Related Compound A (15 mg) | R072A0 | G0G004 (31-May-18) | \$730 |
| 1177032 | Dexamethasone Sodium Phosphate (500 mg) | R06110 | F0M447 (31-Jan-18) | \$230 |
| 1180004 | Dextroamphetamine Sulfate CII (500 mg) | R062C0 | R004C0 (30-Apr-18) | \$320 |
| 1184005 | Diatrizoic Acid (100 mg) | R070E0 | H0E084 (31-May-18) | \$230 |
| 1229883 | Duloxetine Related Compound H (30 mg) | R076P0 | R066U0 (30-Apr-18) | \$730 |
| 1272907 | Fludeoxyglucose (100 mg) | R060Q0 | F0E100 (30-Apr-18) | \$285 |
| 1286107 | Formoterol Fumarate (200 mg) | R04680 | F1H187 (31-May-18) | \$540 |
| 1349003 | Isoflurane (1 mL) | R064L0 | I0I115 (30-Nov-17) | \$230 |



| | | | | |
|---------|---|--------|--------------------|-------|
| 1358004 | Leucovorin Calcium (500 mg) | R063P0 | K1K334 (31-Mar-18) | \$240 |
| 1375127 | Manganese Chloride (2 g) | R057N0 | F0D150 (31-May-18) | \$230 |
| 1379300 | Melphalan Hydrochloride (300 mg) | R068T0 | I0H174 (28-Feb-18) | \$230 |
| 1380116 | Melatonin Related Compound A (15 mg) | R071F0 | F0K240 (30-Apr-18) | \$730 |
| 1411038 | Methimazole Related Compound C (3 x 50 mg) | R062Y0 | F000C0 (31-May-18) | \$730 |
| 1478323 | Olanzapine Related Compound B (15 mg) | R055G0 | R01420 (30-Apr-18) | \$730 |
| 1491004 | Oxytetracycline (200 mg) | R05720 | J1J172 (31-May-18) | \$230 |
| 1500230 | Paroxetine Related Compound B (15 mg) | R051H0 | R00500 (31-May-18) | \$730 |
| 1539009 | Pilocarpine Nitrate (200 mg) | R06410 | I1E138 (28-Feb-18) | \$230 |
| 1545034 | Plastic Additive 12 (100 mg) | R077W0 | F037W0 (30-Nov-17) | \$230 |
| 1546285 | Polydextrose (200 mg) | F1J052 | F0J052 (31-Mar-18) | \$230 |
| 1548407 | Potassium Sorbate (1 g) | R030B0 | G0K358 (31-May-18) | \$230 |
| 1576800 | Propyl Gallate (200 mg) | R043H1 | R043H0 (30-Apr-18) | \$230 |
| 1612700 | Simvastatin (200 mg) | R05290 | I1H070 (31-May-18) | \$230 |
| 1614589 | Sodium Picosulfate Related Compound A (20 m | R065L0 | F0I228 (30-Apr-18) | \$730 |
| 1676000 | Triamcinolone (250 mg) | K1M290 | K0M290 (30-Apr-18) | \$230 |
| 1695004 | Tripelennamine Hydrochloride (200 mg) | R040D0 | J (31-May-18) | \$230 |
| 1706698 | Urea (200 mg) | R073L0 | G1J383 (31-May-18) | \$230 |
| 1707114 | Uridine (30 mg) | F1K301 | F0K301 (30-Apr-18) | \$235 |
| 1712001 | Vigabatrin (200 mg) | R06740 | F0L108 (1-Jul-17) | \$330 |

Previously Out-of-Stock Items Now Available

| Catalog # | Description and Package Size | Lot | Price (USD) |
|-----------|--|--------|-------------|
| 1000496 | Abacavir Stereoisomers Mixture (15 mg) | R077N0 | \$730 |
| 1012509 | L-Alanine (200 mg) | R06030 | \$230 |
| 1027346 | Amiodarone Related Compound D (20 mg) | R072H0 | \$730 |
| 1027346 | Amiodarone Related Compound D (20 mg) | R069X0 | \$730 |
| 1078573 | Buspirone Related Compound A (75 mg x 2) | R07650 | \$730 |
| 1133004 | Cholestyramine Resin (500 mg) | R06850 | \$185 |
| 1133547 | Choline Chloride (500 mg) | R060C0 | \$230 |
| 1134368 | Citric Acid (200 mg) | R062M0 | \$230 |
| 1138008 | Clindamycin Phosphate (250 mg) | R06300 | \$315 |
| 1177032 | Dexamethasone Sodium Phosphate (500 mg) | R06110 | \$230 |
| 1229883 | Duloxetine Related Compound H (30 mg) | R076P0 | \$730 |
| 1272907 | Fludeoxyglucose (100 mg) | R060Q0 | \$285 |
| 1349003 | Isoflurane (1 mL) | R064L0 | \$230 |
| 1358004 | Leucovorin Calcium (500 mg) | R063P0 | \$240 |
| 1379300 | Melphalan Hydrochloride (300 mg) | R068T0 | \$230 |



| | | | |
|---------|------------------------------|--------|-------|
| 1539009 | Pilocarpine Nitrate (200 mg) | R06410 | \$230 |
| 1545034 | Plastic Additive 12 (100 mg) | R077W0 | \$230 |
| 1546285 | Polydextrose (200 mg) | F1J052 | \$230 |
| 1576800 | Propyl Gallate (200 mg) | R043H1 | \$230 |
| 1706698 | Urea (200 mg) | R073L0 | \$230 |
| 1707114 | Uridine (30 mg) | F1K301 | \$235 |
| 1712001 | Vigabatrin (200 mg) | R06740 | \$330 |

Backorder Availability Estimates, May 23, 2017

| Catalog # | Description | Expected Availability* |
|-----------|---|------------------------|
| 1475008 | Novobiocin (200 mg) | Q3/2017 |
| 1012203 | Agnuside (25 mg) | TBD |
| 1042850 | Artesunate (200 mg) | Q2/2017 |
| 1152009 | Cyanocobalamin (5 x 300 mg) (Vitamin B12) | TBD |
| 1157002 | Cyclophosphamide (500 mg) | Q3/2017 |
| 1179504 | Dexpanthenol (500 mg) | Q2/2017 |
| 1213001 | Dinoprost Tromethamine (50 mg) | Q3/2017 |
| 1269119 | FAME Standard Mixture (100 mg) | Q2/2017 |
| 1277004 | Fluorescein (200 mg) | Q2/2017 |
| 1292631 | Glipizide Related Compound C (15 mg) | Q2/2017 |
| 1342037 | Insulin Aspart (7.45 mg) | TBD |
| 1377009 | Meclizine Hydrochloride (500 mg) | Q2/2017 |
| 1424550 | Methylcobalamin (2 x 150 mg) | Q3/2017 |
| 1492244 | Palonosetron Related Compound C (15 mg) | TBD |
| 1535788 | Phosphatidylinositol (Soy) Sodium (10 mg) | Q3/2017 |
| 1612572 | Sevoflurane Related Compound B (0.2 mL) | Q3/2017 |
| 1623003 | Streptomycin Sulfate (200 mg) | Q2/2017 |
| 1642507 | Suprofen (200 mg) | Q2/2017 |
| 1651621 | Delta-9-Tetrahydrocannabinol (1 mL) | Q2/2017 |
| 1686309 | Trifluridine (100 mg) | Q3/2017 |
| 1699005 | Tropicamide (200 mg) | Q3/2017 |
| 1722005 | Xylose (1 g) | Q2/2017 |

*Dates are targets and may change at any time. Q1/ 2017 January—March 2017, Q2/ 2017 April – June 2017

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Items with New Package Size or New Description

| Catalog # | Description | Old Size | New Size | Lot | Price (USD) |
|-----------|--|----------|----------|--------|-------------|
| 1158650 | Cyclosporine Resolution Mixture * | 20mg | 20mg | R063L0 | \$615 |
| 1286107 | Formoterol Fumarate** | 100mg | 200mg | R04680 | \$540 |
| 1500230 | Paroxetine Related Compound B *** | 15mg | 15mg | R051H0 | \$730 |
| 1614589 | Sodium Picosulfate Related Compound A* | 20mg | 20mg | R065L0 | \$730 |

* Description Addition

** Size Changed

*** Chemical name updated

**** Item description changed

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 April 2017 | | | | |
|----------------------------------|--|-------------|---------------------------------|-------------|
| Catalog # | Description | Current Lot | Previous Lot/ Valid Use Date | Price (USD) |
| 1003009 | Acetaminophen (400 mg) | K2M244 | K0I244 (30-Apr-17) | \$230 |
| 1069018 | Betamethasone Valerate Related Compound A (mg) | F1F229 | F0F229 (30-Apr-17) | \$730 |
| 1096509 | Carboprost Tromethamine (30 mg) | R058P0 | R009Q0 (30-Apr-17) | \$715 |
| 1115705 | Chloromethyl Isopropyl Carbonate (100 mg) | R043B0 | R021D0 (30-Apr-17) | \$730 |
| 1133933 | Cinnamic Acid (100 mg) | R041T0 | F0L161 (30-Apr-17) | \$225 |
| 1138405 | Clobetasol Propionate (200 mg) | H1K292 | H0K292 (30-Apr-17) | \$230 |
| 1181302 | Dextrose (500 mg) | R035J0 | K0K311 (30-Apr-17) | \$240 |
| 1237000 | Epinephrine Bitartrate (200 mg) | P2L152 | P1L152 (30-Apr-17) | \$230 |
| 1265515 | Ethylene Glycol (0.5 mL) | G1L121 | G0K011 (30-Apr-17) | \$235 |
| 1268900 | Eucalyptol (200 mg) | R017H0 | F0K046 (30-Apr-17) | \$230 |
| 1287722 | Galactosamine Hydrochloride (50 mg) | G1L378 | G0L378 (30-Apr-17) | \$240 |
| 1304038 | Heparin Sodium Identification (50 mg) | G2L413 | G1L413 (30-Apr-17) | \$230 |
| 1333058 | Hydroxyzine Related Compound A (25 mg) | R03920 | I0I223 (30-Apr-17) | \$730 |
| 1356337 | Ketorolac Related Compound C (20 mg) | R042H0 | R00050 (30-Apr-17) | \$730 |
| 1442009 | Metronidazole (100 mg) | J2I272 | J1I272 (30-Apr-17) | \$230 |
| 1457301 | Naproxen (200 mg) | R03550 | J0H044 (30-Apr-17) | \$230 |
| 1478119 | Ofloxacin Related Compound A (25 mg) | R039Q0 | G0K034 (30-Apr-17) | \$730 |
| 1133580 | Oversulfated Chondroitin Sulfate (10 mg) | R037X0 | H0M191(30-Apr-17) | \$770 |
| 1133580 | Oversulfated Chondroitin Sulfate (10 mg) | R037X0 | H0M191(30-Apr-17) | \$770 |
| 1481215 | Oxaliplatin Related Compound A (100 mg) | F1H298 | F0H298 (30-Apr-17) | \$235 |
| 1496008 | Papaverine Hydrochloride (200 mg) | R031V0 | H2M423 (30-Apr-17) | \$230 |



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|---------|---|--------|--------------------|-------|
| 1535744 | Phosphatidylethanolamine (100 mg) | R04381 | R00690 (30-Apr-17) | \$390 |
| 1535788 | Phosphatidylinositol (Soy) Sodium (10 mg) | R047X0 | R043E0 (30-Apr-17) | \$230 |
| 1546401 | Polyethylene Glycol 200 (1 g) | R052P0 | F0E316 (30-Apr-17) | \$230 |
| 1548190 | Potassium Chloride (1 g) | R047P0 | G0F268 (30-Apr-17) | \$230 |
| 1043309 | Powdered Ashwagandha Root Extract (1 g) | F1I273 | F0I273 (30-Apr-17) | \$200 |
| 1584014 | Pyrantel Related Compound A (25 mg) | R044X0 | F0I122 (30-Apr-17) | \$730 |
| 1601226 | Residual Solvent Class 1 - 1,1,1-Trichloroethane (1 mL/ampule; 3 ampules) | R04900 | F0C410 (30-Apr-17) | \$230 |
| 1609625 | Salmeterol Related Compound B (3 x 1.3 mg) | R05400 | R016C1 (30-Apr-17) | \$730 |
| 1643576 | Temozolomide Related Compound C (15 mg) | F1I323 | F0I323 (30-Apr-17) | \$730 |
| 1652001 | Tetrahydrozoline Hydrochloride (200 mg) | R031X0 | H0L538 (30-Apr-17) | \$230 |
| 1700523 | Tryptophan Related Compound B (25 mg) | F1H101 | F0H101 (30-Apr-17) | \$730 |
| 1705753 | Uracil (15 mg) | F1K302 | F0K302 (30-Apr-17) | \$235 |
| 1727018 | Zolmitriptan R-Isomer (20 mg) | R027H0 | F0K148 (30-Apr-17) | \$730 |

No Longer Valid as of May 2017

| Catalog # | Description | Current Lot | Previous Lot/ Valid Use Date | Price (USD) |
|-----------|---|-------------|---------------------------------|-------------|
| 1005004 | Acetazolamide (2 g) | K1J032 | K0J032 (31-May-17) | \$230 |
| 1031591 | Amoxicillin Related Compound I (25 mg) | R02120 | F1L294 (31-May-17) | \$730 |
| 1031605 | Amoxicillin Related Compound J (15 mg) | R064U0 | F0J150 (31-May-17) | \$730 |
| 1045600 | Azaerythromycin A (100 mg) | R02440 | H1L361 (31-May-17) | \$730 |
| 1065618 | Betahistine Hydrochloride (200 mg) | R030R0 | H0L386 (31-May-17) | \$230 |
| 1078201 | Budesonide (200 mg) | R036W0 | G0M194 (31-May-17) | \$230 |
| 1078303 | Bumetanide (125 mg) | R039M0 | J0L145 (31-May-17) | \$230 |
| 1087701 | Candelilla Wax (250 mg) | F1D123 | F0D123 (31-May-17) | \$230 |
| 1098107 | Cefoxitin (500 mg) | J1E038 | J0E038 (31-May-17) | \$230 |
| 1134426 | Clavulanate Lithium (200 mg) | R071W0 | K0J130 (31-May-17) | \$230 |
| 1142107 | Clozapine (100 mg) | R018R0 | H0J166 (31-May-17) | \$385 |
| 1150706 | Crospovidone (100 mg) | H1I211 | H0I211 (31-May-17) | \$230 |
| 1156000 | Cyclopentolate Hydrochloride (300 mg) | R045B0 | J0J112 (31-May-17) | \$230 |
| 1161509 | L-Cysteine Hydrochloride (600 mg) | R043K0 | I0I177 (31-May-17) | \$240 |
| 1178002 | Dexbrompheniramine Maleate (200 mg) | K1M358 | K0M358 (31-May-17) | \$230 |
| 1192808 | Diethanolamine (3 mL) | R043V0 | G0M390 (31-May-17) | \$230 |
| 1197506 | Diflunisal (200 mg) | R02890 | G1F320 (31-May-17) | \$230 |
| 1234103 | Efavirenz (200 mg) | R038U0 | G0L369 (31-May-17) | \$560 |
| 1240004 | Ergonovine Maleate (150 mg) | R045R0 | N(31-May-17) | \$230 |
| 1275009 | Fluocinolone Acetonide (200 mg) | R041G0 | K0K185 (31-May-17) | \$230 |
| 1287507 | Gadodiamide (500 mg) | R04000 | G0M395 (31-May-17) | \$230 |
| 1288805 | Genistin (30 mg) | R06200 | F0H345 (31-May-17) | \$740 |
| 1296042 | Glycopyrrolate Related Compound C (25 mg) | R070A0 | F0K078 (31-May-17) | \$730 |
| 1344305 | o-Iodohippuric Acid (100 mg) | R03610 | G0M380 (31-May-17) | \$230 |
| 1349502 | L-Isoleucine (200 mg) | R049B0 | G0G167 (31-May-17) | \$240 |
| 1350400 | Isopropyl Myristate (5 x 100 mg) | R043S0 | K0K143 (31-May-17) | \$230 |



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|---------|--|--------|--------------------|-------|
| 1356960 | Leflunomide (200 mg) | R043F0 | F0G328 (31-May-17) | \$285 |
| 1359437 | Levetiracetam Related Compound B (20 mg) | R036T0 | G0M056 (31-May-17) | \$730 |
| 1380557 | Memantine Related Compound E (15 mg) | R042W0 | R022Y0 (31-May-17) | \$730 |
| 1396342 | Metformin Related Compound C (25 mg) | R030L0 | G0L529 (31-May-17) | \$730 |
| 1437450 | Methyl Salicylate (2 mL) | R035R0 | G1L203 (31-May-17) | \$225 |
| 1463858 | Nimodipine (125 mg) | R061B0 | F0F203 (31-May-17) | \$230 |
| 1463870 | Nimodipine Related Compound A (50 mg) | R04830 | G0K045 (31-May-17) | \$730 |
| 1475008 | Novobiocin (200 mg) | | H0D327 (31-May-17) | \$230 |
| 1500273 | Paroxetine Related Compound F (25 mg) | R051W0 | G1F221 (31-May-17) | \$730 |
| 1538006 | Phytonadione (100 mg x 5 ampules) | R014X0 | O0H310 (31-May-17) | \$230 |
| 1572547 | Propofol Related Compound B (30 mg) | R038D0 | R02420 (31-May-17) | \$730 |
| 1604009 | Rifampin (300 mg) | R039N0 | R000X0 (31-May-17) | \$230 |
| 1612550 | Sevoflurane Related Compound A (0.2 mL) | R056M0 | R014Q0 (31-May-17) | \$730 |
| 1612652 | Simethicone (50 g) | R035B0 | M0M432 (31-May-17) | \$230 |
| 1621008 | Stearic Acid (500 mg) | R03400 | K0J424 (31-May-17) | \$230 |
| 1623411 | Succinic Acid (300 mg) | F3M402 | F2M402 (31-May-17) | \$230 |
| 1623670 | Sulbactam (250 mg) | R03980 | J0J117 (31-May-17) | \$230 |
| 1667520 | Tinidazole (200 mg) | R047B0 | G0I057 (31-May-17) | \$230 |

| 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 |



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|---------|---|--------|--------------------|--------|
| 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 |

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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.

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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:

- [Modernization of USP Packaging Standards for Glass and Elastomeric Components](#)
June 19, 2017 - June 20, 2017
- [Control and Determination of Visible and Sub-visible Particulate Matter in Biologics](#)
June 26, 2017 - June 27, 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. Details available [here](#).

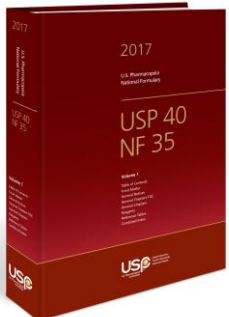
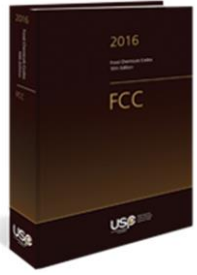
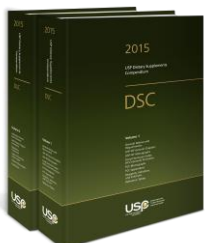

USP Education

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
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USP Publication Highlights

| | |
|---|---|
|  | <p>Be Prepared for Compliance—Order <i>USP 40 – 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 HDWZZ25. Order now at http://www.usp.org/dsc-2015 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>USP37–NF32 Archive Available Now!</i> This new Archive complements the earlier Archive, which includes <i>USP28–NF23</i> through <i>USP36–NF31</i>. 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.usp.org/store/products-services/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

- [<659> Packaging and Storage Requirements](#) (posted 28–Apr–2017; official 01–May–2017)
- [<661> Plastic Packaging Systems and Their Materials of Construction](#) (Posted 28–Apr–2017; official 01–May–2017)
- [<661.1> Plastic Materials of Construction](#) (posted 28–Apr–2017; official 01–May–2017)
- [<661.2> Plastic Packaging Systems for Pharmaceutical Use](#) (Posted 28–Apr–2017; official 01–May–2017)
- [Clindamycin Phosphate](#) (posted 28–Apr–2017; official 01–May–2017)
- [Doxycycline Hyclate Capsules](#) (posted 28–Apr–2017; official 01–May–2017)
- [Doxycycline Hyclate Tablets](#) (posted 28–Apr–2017; official 01–May–2017)
- [Nicotine Polacrilex](#) (posted 28–Apr–2017; official 01–May–2017)
- [Selamectin](#) (posted 28–Apr–2017; official 01–May–2017)

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E Errata:

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

IRA IRAs

Nothing New

H6 [Stage 6 Notices](#)

- [<1052> Biotechnology-Derived Articles–Amino Acid Analysis](#)
(Posted 28–Apr–2017; official 1–May–2018)

[Compendial Notices](#)

Notices of Intent to Revise:

Nothing New

General Announcements:

[Pharmacopeial Forum 43\(2\) \[Mar.–Apr. 2017\] Comment Period Extended](#) (deadline: July 31, 2017)

Comment on Proposed USP–NF Standards:

- Nothing New

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Call for Candidates:

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[Stimuli Articles](#)

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

Tip of the Month

Get involved in the USP-NF standards-setting process!!

Comment on USP's Proposed Standards in Pharmacopeial Forum

Pharmacopeial Forum (PF) is the bimonthly online journal through which USP develops and revises standards for the USP–NF by a process of public review and comment. Changes and additions to USP–NF standards are first proposed in PF to invite public comment. To encourage and broaden participation in the standards-setting process, PF is a freely available resource. New issues are posted online every two months and the comment period is 90 days. The comment period ends on the last day of the month

[Access the free, online PF](#)

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Question of the Month

Got Scientific Questions?

USP is here to help!

Reference Standards: rstech@usp.org

USP section of the USP-NF: stdsmonographs@usp.org

NF Section of the USP-NF: nfmonographs@usp.org

Reagents and general chapters: reagents@usp.org

Food Chemical Codex (FCC): fcc@usp.org

USP Verification: USPverified@usp.org

Consultas Cientificas en Español sobre USP-NF: uspespanol@usp.org