

Reference Standards Tables August 2019

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Standards released in the last month; backordered items with estimated availability dates; items with lots that are no longer valid (or soon will be invalid); and items with new lots since the last newsletter.

USP strongly suggest downloading the [Free Reference Standards and Resources APP](#) to easily track and receive notifications and alerts for the Reference Standards of interest to you. 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](#)

[New Reference Standards Now Available](#)

[Items With Replacement Lots](#)

[Backorder Availability Report As of August 2nd, 2019](#)

[Previously Out-of-Stock Items Now Available](#)

[No Longer Valid as of August 2019](#)

New Reference Standards Now Available

| Catalog | Description | Current Lot | Start Date# | Unit Price |
|---------|---|-------------|-------------|------------|
| 1370688 | Low-substituted Carboxymethylcellulose Sodium (100 mg) | F08970 | 2-Jul-19 | \$290.00 |
| 1615876 | Sorafenib Tosylate (200 mg) | F10510 | 2-Jul-19 | \$1,500.00 |
| 1463949 | Nisoldipine Related Compound C (30 mg) (Isobutyl (Z)-2-(2-nitrobenzylidene)-3-oxobutanoate) | F09940 | 16-Jul-19 | \$745.00 |
| 1018607 | Amaranth (50 mg) | F09381 | 25-Jul-19 | \$365.00 |
| 1357090 | Conjugated Linoleic Acids - Triglycerides (100 mg) | F100V0 | 1-Jul-19 | \$250.00 |

[Return To The Top](#)

Items with Replacement Lots

| Catalog | Description | Current Lot | Previous Lot (Valid Use Date) | Unit Price |
|---------|----------------------------|-------------|-------------------------------|------------|
| 1235820 | Enoxaparin Sodium (300 mg) | R11090 | R01010 (30-Apr-20) | \$300.00 |

[Return To The Top](#)

Backorder Availability As of August 7, 2019

| Catalog | Description | Estimated Availability |
|---------|--|------------------------|
| 1003100 | Acetaminophen Related Compound J (50 mg) (N-(4-chlorophenyl)acetamide) | Oct-19 |
| 1012644 | Albuterol Related Compound A (25 mg) (4-[2-[(1,1-dimethylethyl)amino]-1-hydroxy | Jan-20 |
| 1012768 | Alcohol (1.2 mL/ampule; 5 ampules) | Jan-20 |
| 1042420 | Argatroban Related Compound B (20 mg) (Ethyl (4R)-1-[N ⁸ -nitro-L-arginyl]-4-meth | Jan-20 |
| 1044356 | Atazanavir Related Compound A (25 mg) ((S)-2-[(Methoxycarbonyl)amino]-3,3-dimeth | Jan-20 |
| 1076308 | Bleomycin Sulfate (15 mg) | Oct-19 |
| 1078325 | Bumetanide Related Compound A (10 mg) (3-Amino-4-phenoxy-5-sulfamoylbenzoic Acid | Sep-19 |
| 1081501 | Butamben (200 mg) | Sep-19 |
| 1086200 | Calcitonin Salmon (20 mg) (COLD SHIPMENT REQUIRED) | TBD |
| 1091040 | Caprylic Acid (300 mg) | Jan-20 |
| 1096509 | Carboprost Tromethamine (30 mg) | Jan-20 |
| 1096529 | Carglumic Acid Related Compound B (30 mg) ((S)-2,7-dioxo-1,3-diazepane-4-carboxylic acid) | TBD |
| 1096553 | Carboxymethylcellulose Sodium (1.5 g) | Sep-19 |
| 1150115 | Cosyntropin Acetate (1.69 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED) (alph | TBD |
| 1166003 | Deferoxamine Mesylate (300 mg) | Sep-19 |
| 1171910 | Desflurane Related Compound A (0.1 mL) (bis-(1,2,2,2-tetrafluoroethyl) ether) | Jan-20 |
| 1177000 | Dexamethasone Phosphate (500 mg) | Sep-19 |
| 1179720 | Dextran 40 System Suitability (200 mg) | Oct-19 |

| | | |
|---------|---|--------|
| 1179741 | Dextran 70 (50 mg) | Oct-19 |
| 1188006 | Dichlorphenamide (200 mg) | Jan-20 |
| 1224960 | Dolasetron Mesylate Related Compound A (25 mg) (Hexahydro-8-hydroxy-2,6-methano- | TBD |
| 1270435 | Filgrastim (0.98 mg) (COLD SHIPMENT REQUIRED) | TBD |
| 1282707 | Fondaparinux Sodium for Assay (0.6 mL) (COLD SHIPMENT REQUIRED) | Jan-20 |
| 1286322 | Fosfomycin Tromethamine (800 mg) | Jan-20 |
| 1292507 | Glipizide (125 mg) | Oct-19 |
| 1295731 | Glyceryl Monolinoleate (500 mg) | Jan-20 |
| 1325005 | Hydroxyamphetamine Hydrobromide (200 mg) | Jan-20 |
| 1358831 | Levalbuterol Related Compound E (30 mg) (alpha- [{{(1,1-Dimethylethyl)amino}methyl | Jan-20 |
| 1362500 | Levonordefrin (200 mg) | Jan-20 |
| 1364007 | Levorphanol Tartrate CII (500 mg) | TBD |
| 1365000 | Levothyroxine (500 mg) | Sep-19 |
| 1427005 | Methyldopate Hydrochloride (200 mg) | TBD |
| 1443250 | Mexiletine Hydrochloride (200 mg) | Oct-19 |
| 1481237 | Oxaliplatin Related Compound C (20 mg) ([1R-trans- (1,2-cyclohexanediamine-N,N')] | Jan-20 |
| 1483301 | Oxfendazole (200 mg) | Sep-19 |
| 1492255 | Palonosetron Related Compound D (15 mg) ((3aR)-2- [(3S)-Quinuclidin-3-yl]-2,3,3a, | TBD |
| 1504900 | Pentamidine Isethionate (200 mg) | Sep-19 |
| 1535744 | Phosphatidylethanolamine (100 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED) | Jan-20 |
| 1544508 | Piroxicam (125 mg) | Sep-19 |
| 1551150 | Potassium Sucrose Octasulfate (300 mg) | Sep-19 |
| 1578805 | Protein A (250 uL/ampule; 2 ampules) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED) | N/A |
| 1579310 | Protocatechuic Acid (25 mg) (3,4-dihydroxybenzoic acid) DISCONTINUED | N/A |
| 1601204 | Residual Solvent Class 1 - 1,1-Dichloroethene (1.2 mL/ampule; 3 ampules) | Jan-20 |
| 1601601 | Residual Solvent Class 2 - Hexane (1.2 mL/ampule; 3 ampules) | Oct-19 |
| 1601780 | Residual Solvent Class 2 - Tetralin (1.2 mL/ampule; 3 ampules) | Jan-20 |
| 1604814 | Ritonavir Related Compounds Mixture (50 mg) | Oct-19 |
| 1607029 | Saccharin Calcium (100 mg) (1,2-Benzisothiazolin-3- one 1,1-dioxide calcium salt | Oct-19 |
| 1612845 | Sibutramine Hydrochloride CIV (125 mg) DISCONTINUED | N/A |
| 1614716 | Anhydrous Sodium Succinate (250 mg) | Sep-19 |

| | | |
|---------|---|---------------|
| 1614807 | Sodium Sulfate Anhydrous (1 g) | Oct-19 |
| 1667370 | Tilimicosin (250 mg) | Jan-20 |
| 1667916 | Tizanidine Related Compound A (50 mg) (4-amino-5-chloro-2,1,3-benzothiadiazole) | Sep-19 |
| 1672100 | Tomato Extract Containing Lycopene (1 g) | Oct-19 |
| 1680007 | <i>Triamterene (200 mg)</i> | <i>Jan-20</i> |
| 1700002 | Trypsin Crystallized (300 mg) (COLD SHIPMENT REQUIRED) | N/A |
| 1700501 | L-Tryptophan (200 mg) | Oct-19 |
| 1711177 | Vecuronium Bromide Related Compound B (15 mg) (Piperidinium, 1-[(2beta, 3alpha, | Jan-20 |

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

[Return To The Top](#)

Previously Out of Stock Items Now Available

| Catalog | Description | Lot | Price |
|---------|---|--------|----------|
| 1564006 | Procaine Hydrochloride (200 mg) | I2M105 | \$245.00 |
| 1441200 | Metolazone (200 mg) | R108B0 | \$245.00 |
| 1096826 | Castor Oil (3 x 100 mg) (Mixture containing about 92% of Triricinolein) | F04451 | \$215.00 |
| 1514008 | Phenacetin Melting Point Standard (1 g) (Approximately 135 degrees) | R066A2 | \$155.00 |
| 1367708 | Dextran 40 Calibration (100 mg) | R113X0 | \$265.00 |
| 1643601 | Tenofovir (15 mg) | R098E0 | \$245.00 |
| 1724838 | Zoledronic Acid Related Compound A (30 mg) (2-(1H-Imidazol-1-yl)acetic acid) | R118D0 | \$835.00 |
| 1179763 | Dextran 70 System Suitability (100 mg) | R111R0 | \$260.00 |
| 1071009 | Bethanechol Chloride (200 mg) | R105H0 | \$245.00 |
| 1012772 | Dehydrated Alcohol (1.2 mL/ampule; 5 ampules) | R119J0 | \$245.00 |
| 1018607 | Amaranth (50 mg) | F09381 | \$365.00 |
| 1601292 | Residual Solvents Class 2 - Mixture B (1.2 mL/ampule; 3 ampules) | R08960 | \$245.00 |
| 1301801 | Guanethidine Monosulfate (200 mg) | R121X0 | \$230.00 |
| 1718041 | Voriconazole Related Compound D (10 mg) ((2RS,3SR)-2-(2,4-difluorophenyl)-3-(pyrimidin-4-yl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol) | R120M0 | \$775.00 |
| 1235820 | Enoxaparin Sodium (300 mg) | R11090 | \$300.00 |

| | | | |
|---------|-------------------------------------|--------|----------|
| 1651009 | Tetracycline Hydrochloride (200 mg) | R106N0 | \$245.00 |
|---------|-------------------------------------|--------|----------|

[Return To The Top](#)

Items with New Package Size or New Description

| Catalog | Description | Lot | Old Size | New Size |
|---------|-------------|-----|----------|----------|
| N/A | N/A | N/A | N/A | N/A |

Reference Lots that are No Longer Valid (VUD)

This table lists 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](#), and by downloading the free Reference Standards and Resources App

| Catalog | Description | Current Lot | Previous Lot | Unit Price |
|---------|--|-------------|-------------------|------------|
| 1570406 | 1-Propanol (1.2 mL/ampule; 3 ampules) | R04060 | G0K306(31-Aug-19) | \$245.00 |
| 1083008 | 2-tert-Butyl-4-hydroxyanisole (200 mg) | R07460 | L2E348(31-Aug-19) | \$265.00 |
| 1003100 | Acetaminophen Related Compound J (50 mg) (N-(4-chlorophenyl)acetamide) | | R00310(1-Aug-19) | \$775.00 |
| 1029024 | Amitriptyline Related Compound B (25 mg) (5-[3-(dimethylamino)propyl]-10,11-dihydro-5H-dibenzo[a,d]-cyclohepten-5-ol) | R083T0 | G0K369(31-Aug-19) | \$835.00 |
| 1044516 | Atorvastatin Calcium (100 mg) | R087X0 | H0M533(31-Aug-19) | \$245.00 |
| 1048620 | Benazepril Related Compound A (25 mg) ((3R)-3-[[[(1R)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid, monohydrochloride) | R088H0 | H1M034(31-Aug-19) | \$775.00 |
| 1050905 | Benzaldehyde (3 X 1 mL) (List Chemical) | R079U0 | I0M304(31-Aug-19) | \$245.00 |
| 1097636 | Cefepime Hydrochloride (500 mg) | R089A0 | I0L200(31-Aug-19) | \$245.00 |

| | | | | |
|---------|--|--------|-------------------|----------|
| 1098027 | Cefpodoxime Proxetil (350 mg) | R090A0 | R044K0(31-Aug-19) | \$245.00 |
| 1134255 | Citalopram Related Compound B (25 mg) (1-(3-Dimethylaminopropyl)-1-(4-fluorophenyl)-3-hydroxy-1,3-dihydroisobenzofuran-5-carbonitrile oxalate) | R08490 | G0L552(31-Aug-19) | \$835.00 |
| 1142005 | Cloxacillin Sodium (200 mg) | R095J0 | L1K266(31-Aug-19) | \$245.00 |
| 1173235 | Desogestrel (100 mg) | R04270 | I0L398(31-Aug-19) | \$245.00 |
| 1180503 | Dextromethorphan (500 mg) | R082F0 | I3F274(31-Aug-19) | \$245.00 |
| 1193505 | Diethyl Phthalate (200 mg) | R085V0 | G1J427(31-Aug-19) | \$275.00 |
| 1200804 | Dihydrocodeine Bitartrate CII (200 mg) | J1K044 | J0K044(31-Aug-19) | \$325.00 |
| 1265300 | Ethyl 4-nitrobenzoate (40 mg) | F01511 | F01510(31-Aug-19) | \$760.00 |
| 1280009 | Fluoxymesterone CIII (200 mg) | R097L0 | G4F292(31-Aug-19) | \$325.00 |
| 1343561 | Iodixanol Related Compound E (25 mg) (5-{N-[3-(N-{3-carbamoyl-5-[(2,3-dihydroxypropyl)carbamoyl]-2,4,6-triiodophenyl}acetamido)-2-hydroxypropyl]acetamido}-N1,N3-bis(2,3-dihydroxypropyl)-2,4,6-triiodoisophthalamide) | R088M0 | G0M459(31-Aug-19) | \$835.00 |
| 1356326 | Ketorolac Related Compound B (20 mg) (5-benzoyl-2,3-dihydro-1H-pyrrolizin-1-ol) | R094A0 | R021R0(31-Aug-19) | \$775.00 |
| 1362169 | Levofloxacin Related Compound F (25 mg) ((S)-2,3-Dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid) | R089T0 | R07210(31-Aug-19) | \$775.00 |
| 1370291 | Loratadine Related Compound B (15 mg) (8-Chloro-11-(1-methylpiperidin-4-ylidene)-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine) | R08820 | R049Q0(31-Aug-19) | \$835.00 |
| 1431625 | Methyl Palmitoleate (3 x 100 mg) | R067L0 | R007X0(31-Aug-19) | \$215.00 |
| 1443704 | Midodrine Hydrochloride (200 mg) | R01820 | F1J068(31-Aug-19) | \$245.00 |
| 1457979 | Nelfinavir Related Compound A (15 mg) ((3S,4aS,8aS)-N-tert-Butyl-2-[(2R,3R)-2-hydroxy-3-(3-hydroxy-2-methylbenzamido)-4- | | F0K065(31-Aug-19) | \$730.00 |

| | | | | |
|---------|---|--------|-------------------|----------|
| | (phenylsulfinyl)butyl]decahydroisoquinoline-3-carboxamide) | | | |
| 1460725 | Nevirapine Related Compound A (15 mg) (5,11-dihydro-6H-11-ethyl-4-methyl-dipyrido[3,2-b:2',3'-e][1,4]diazepin-6-one) | R08110 | R03660(31-Aug-19) | \$835.00 |
| 1478200 | Oleyl Oleate (0.5 mL) | R103P0 | FOI024(31-Aug-19) | \$265.00 |
| 1481226 | Oxaliplatin Related Compound B (15 mg) ([SP-4-2-(1R-trans)]-(1,2-cyclohexanediamine-N,N') dinitratoplatinum(II)) | R09670 | R006B0(31-Aug-19) | \$775.00 |
| 1504503 | Penicillin V Potassium (200 mg) | R114E0 | R063E0(31-Aug-19) | \$245.00 |
| 1510051 | Pepsin for Assay (5 x 1 g) (COLD SHIPMENT REQUIRED) | F1M228 | F0M228(31-Aug-19) | \$235.00 |
| 1533024 | Phenylephrine Related Compound C (30 mg) (1-(3-Hydroxyphenyl)-2-(methylamino)ethan-1-one hydrochloride) | R078B0 | F00210(31-Aug-19) | \$835.00 |
| 1533851 | Phenylpropanediol (100 mg) DISCONTINUED | | F(31-Aug-19) | \$775.00 |
| 1533909 | Phenylpropanolamine Bitartrate (100 mg) (List Chemical) DISCONTINUED | | F(31-Aug-19) | \$230.00 |
| 1546569 | Polyethylene Glycol 4000 (1 g) (alpha-hydro-omega-hydroxypoly(oxy-1,2-ethanediyl)) | R09400 | R05020(31-Aug-19) | \$275.00 |
| 1071268 | Powdered Bilberry Extract (500 mg) | R091Q0 | FOH286(31-Aug-19) | \$360.00 |
| 1563003 | Probenecid (200 mg) | R102J0 | J0L272(31-Aug-19) | \$245.00 |
| 1566001 | Prochlorperazine Maleate (200 mg) | R091N0 | R016Y0(31-Aug-19) | \$245.00 |
| 1578000 | Propylthiouracil (200 mg) | R106K0 | H0G031(31-Aug-19) | \$245.00 |
| 1478479 | R-Omeprazole (15 mg) (5-Methoxy-2-[(R)-[[4-methoxy-3,5-dimethyl-2-pyridyl)methyl]sulfinyl]-1H-benzimidazole, sodium salt) | R094D0 | F00680(31-Aug-19) | \$760.00 |
| 1604870 | Rivastigmine Related Compound B (15 mg) ((R,S)-3-[1-(Dimethylamino)ethyl]phenyl dimethylcarbamate) | R096D0 | R028R0(31-Aug-19) | \$775.00 |
| 1607040 | Saccharin Sodium (200 mg) | R085L1 | R01871(31-Aug-19) | \$245.00 |
| 1613564 | Sodium Benzoate (1 g) | R08641 | R016H0(31-Aug-19) | \$265.00 |
| 1642008 | Sulindac (200 mg) | I2J345 | I0J345(31-Aug-19) | \$245.00 |
| 1642813 | Tacrolimus Related Compound A (15 mg) (See USP Certificate for full Chemical Name) | R09700 | R053N0(31-Aug-19) | \$905.00 |

| | | | | |
|---------|--|--------|-------------------|----------|
| 1643703 | Terconazole (200 mg) | R087J0 | H1L047(31-Aug-19) | \$245.00 |
| 1699333 | Trospium Chloride Related Compound C (20 mg) ((1R, 3r, 5S)-3-Hydroxyspiro[8-azoniabicyclo[3.2.1]octane-8, 1'-pyrrolidinium]chloride) | R09790 | F1J341(31-Aug-19) | \$775.00 |
| 1711009 | Vanillin Melting Point Standard (1 g) (Approximately 82 degrees) | L2M294 | L1M294(31-Aug-19) | \$165.00 |

[Return To The Top](#)