

Reference Standards Tables

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Standards released in the last month; backordered items with estimated availability dates; items with lots that are no longer valid (or soon will be invalid); and items with new lots since the last newsletter.

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[New Reference Standards Now Available](#)

[Items With Replacement Lots](#)

[Backorder Availability Report As of March 26, 2018](#)

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

[No Longer Valid as of April 2019](#)

New Reference Standards Now Available

Catalog	Description	Current Lot	Start Date	Unit Price
1018607	Amaranth (50 mg)	F09380	28-Feb 2019	\$695.00
1048357	Baicalein (50 mg)	F106P0	28-Mar-19	\$200.00
1048368	Baicalein 7-O-Glucuronide (50 mg)	F106R0	28-Mar-19	\$200.00
1069914	Betaxolol Related Compound A (20 mg) (1-(4-Ethylphenoxy)-3-(isopropylamino)propan-2-ol)	F102A0	22-Mar-19	\$750.00
1165656	Deferasirox (200 mg)	F09470	22-Mar-19	\$400.00
1287450	Gadobutrol System Suitability Mixture (30 mg) (A mixture containing Gadobutrol and Gadobutrol dealkyl analog)	F092C0	12-Mar-19	\$795.00
1295662	beta-Glycerolphosphorylcholine (25 mg)	F08760	26-Mar-19	\$265.00
1295786	L-alpha-Glycerolphosphorylcholine (300 mg)	F08740	26-Mar-19	\$265.00
1295822	L-alpha-Glycerophosphorylethanolamine (25 mg)	F08730	26-Mar-19	\$265.00
1610307	Scutellaria Baicalensis Root Dry Extract (1 g)	F106Q0	28-Mar-19	\$200.00
1612765	Sirolimus (50 mg)	F074Y0	27-Mar-19	\$245.00
1696142	Triptorelin Related Compound C (1.31 mg) (Triptorelin acid; 5-Oxo-L-prolyl-L-histidyl-L-tryptophyl-L-seryl-L-tyrosyl-D-tryptophyl-L-leucyl-L-arginyl-L-prolylglycine)	F061A0	8-Mar-19	\$700.00

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Items with Replacement Lots

Catalog	Description	Current Lot	Previous Lot (Valid Use Date)	Tran Date#	Unit Price
1712023	Vigabatrin Related Compound B (30 mg) ((E)-2-(2-aminoethyl)but-2-enoic acid hydrochloride)	R112T0	F0L109 (31-Jul-19)	5-Mar-19	\$835.00
1709007	Vancomycin Hydrochloride (500 mg)	R107F0	R07250 (30-Nov-19)	25-Mar-19	\$250.00
1672315	Torseמידe Related Compound A (75 mg) (4-[(3-methylphenyl)amino]-3-pyridinesulfonamide)	R102V0	G0J125 (31-Mar-20)	21-Mar-19	\$775.00
1643452	Terazosin Hydrochloride (200 mg)	R111C0	G0F290 (31-Jan-20)	5-Mar-19	\$245.00
1559505	Prednisone Tablets (30 tablets)	R072M1	R072M0 (30-Jun-19)	20-Mar-19	\$285.00
1296086	Glycopyrrolate Related Compound I (15 mg) ((RS)-3-[(SR)-2-(4-Chlorophenyl)-2-cyclopentyl-2-hydroxyacetoxy]-1,1-dimethylpyrrolidin-1-ium bromide)	R096M0	F0L437 (30-Nov-19)	26-Mar-19	\$835.00
1150353	Creatinine (100 mg) (2-Imino-1-methylimidazolidin-4-one)	F2F318	F1F318 (31-Mar-20)	12-Mar-19	\$265.00
1019870	4-Aminobenzoylglutamic Acid (50 mg)	R107C0	F0M031 (31-Mar-20)	28-Mar-19	\$245.00
1720429	Xylazine Hydrochloride (200 mg)	R10670	G0M323 (31-Jan-20)	7-Mar-19	\$245.00
1392807	Mesna (200 mg)	F1H331	F0H331 (29-Feb-20)	5-Mar-19	\$245.00
1380524	Memantine Related Compound B (15 mg) (3,5-Dimethyladamantane-1-ol)	R100Q0	R012N1 (29-Feb-20)	21-Mar-19	\$835.00
1354900	Kaempferol (15 mg) (3,5,7-Trihydroxy-2-(4-hydroxyphenyl)-4H-chromen-4-one)	R12200	R06120 (29-Feb-20)	5-Mar-19	\$240.00
1297250	Goserelin System Suitability Mixture (1.075 mg) (COLD SHIPMENT REQUIRED)	R114F0	F0I017 (30-Sep-19)	12-Mar-19	\$730.00
1179118	Dexketoprofen Tromethamine (200 mg)	R10700	F0M372 (29-Feb-20)	28-Mar-19	\$245.00

1148001	Colistin Sulfate (200 mg)	R102T0	R02022 (31-Jan-20)	26-Mar-19	\$255.00
1535507	Phenytoin Sodium (200 mg)	R11850	I0L257 (29-Feb-20)	21-Mar-19	\$245.00
1234136	Efavirenz Related Compound C (20 mg) (6-chloro-2-cyclopropyl-4-(trifluoromethyl)quinoline)	R106B0	F1L211 (31-Mar-20)	14-Mar-19	\$835.00
1140430	Clopidogrel Bisulfate (125 mg)	R095G0	R018J0 (29-Feb-20)	5-Mar-19	\$1,090.00
1074007	Bisacodyl (125 mg)	R098Y0	J0G408 (29-Feb-20)	7-Mar-19	\$200.00
1610001	Scopolamine Hydrobromide (500 mg)	R10130	L1M054 (31-Jan-20)	28-Mar-19	\$245.00
1602502	Retinyl Palmitate (4 x 50 mg)	R090Q0	R020B0 (29-Feb-20)	7-Mar-19	\$250.00
1548407	Potassium Sorbate (1 g)	R030B1	R030B0 (31-Mar-20)	5-Mar-19	\$245.00
1445007	Mitotane (500 mg)	R103G0	H2L374 (31-Mar-20)	19-Mar-19	\$245.00
1288339	Ganciclovir Mono-N-methyl Valinate (10 mg) (2-(RS)-[(guanin-9-yl)methoxy]-3-hydroxypropyl N-methyl-L-valinate hydrochloride)	R112N0	F0I023 (31-Dec-19)	11-Mar-19	\$775.00
1162126	5'-Cytidylic Acid (500 mg)	R108H0	F0J209 (31-Dec-19)	7-Mar-19	\$235.00
1154605	Cyclohexylmethanol (1 mL/ampule; 2 ampules)	R107S0	F0F072 (31-Mar-20)	12-Mar-19	\$245.00
1116774	Chlorophyll A (15 mg)	R112F0	F0M405 (30-Nov-19)	26-Mar-19	\$695.00
1044403	Atenolol (200 mg)	R101E0	I1F032 (29-Feb-20)	12-Mar-19	\$245.00
1672756	Tranexamic Acid Related Compound C (15 mg) ((RS)-4-(Aminomethyl)cyclohex-1-enecarboxylic acid hydrochloride)	R110W0	R037N0 (31-Jan-20)	7-Mar-19	\$870.00
1367570	Linezolid Related Compound A (20 mg) ((R)-5-(azidomethyl)-3-(3-fluoro-4-morpholinophenyl)oxazolidin-2-one)	R088N0	F0L496 (31-Mar-20)	19-Mar-19	\$775.00
1268965	Eugenol (5 x 100 mg)	R045G0	F1J388 (31-Mar-20)	26-Mar-19	\$230.00
1584105	Pyrantel Tartrate (200 mg)	F1L575	F0L575 (29-Feb-20)	19-Mar-19	\$245.00
1501006	Penicillamine (200 mg)	R106F0	R07720 (31-Mar-20)	5-Mar-19	\$245.00
1372005	L-Lysine Hydrochloride (200 mg)	R08330	R027F0 (31-Mar-20)	5-Mar-19	\$290.00

1297205	Goserelin Acetate (100 mg) (COLD SHIPMENT REQUIRED)	R102C0	F0H104 (30-Nov-19)	7-Mar-19	\$815.00
1270355	Ferrous Sulfate (2 x 1 g)	R114K0	R05970 (31-Mar-20)	14-Mar-19	\$245.00
1134380	Clarithromycin Related Compound A (25 mg) (6,11-di-O-methylerythromycin A)	R114R0	R08130 (29-Feb-20)	12-Mar-19	\$775.00
1535755	Phosphatidylcholine (Soy) (50 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	R108K0	R060L0 (31-Jan-20)	19-Mar-19	\$275.00
1494910	Pantoprazole Related Compound B (25 mg) (5-(difluoromethoxy)-2-[[[(3,4-dimethoxy-2-pyridinyl)methyl]thio]-1H-benzimidazole])	R103F0	R041U0 (29-Feb-20)	19-Mar-19	\$835.00
1448016	Morphine Related Compound A Cl (20 mg) (7,8-Didehydro-4,5alpha-epoxy-17-methylmorphinan-3,6alpha-diol, N-oxide)	R104N0	F2M354 (31-Mar-20)	26-Mar-19	\$775.00
1334006	Hydroxyzine Pamoate (500 mg)	R11170	R060P0 (6-Nov-18)	26-Mar-19	\$245.00
1000829	Abiraterone System Suitability Mixture (20 mg)	R103B0	R065J0 (29-Feb-20)	21-Mar-19	\$775.00
1598813	Raspberry Ketone (100 mg) (4-(4-Hydroxyphenyl)butan-2-one)	F1I266	F0I266 (31-Mar-20)	14-Mar-19	\$245.00
1500557	Peanut Oil (1 g)	R101S0	G0L403 (31-Jan-20)	4-Mar-19	\$265.00
1471914	Norgestimate (200 mg)	G1J236	G0J236 (31-Dec-19)	7-Mar-19	\$245.00
1463960	Nitazoxanide (200 mg)	R112D0	R03720 (31-Mar-20)	19-Mar-19	\$245.00
1311306	Homopolymer Polypropylene (3 Strips, 2" x 2 1/2" each)	F1C096	F0C096 (31-Mar-20)	12-Mar-19	\$265.00
1242000	Erythromycin (250 mg)	R097G0	R013R0 (30-Nov-19)	28-Mar-19	\$250.00
1229410	Drospirenone Related Compound A (15 mg) (17-Hydroxy-6beta,7beta:15beta,16beta-dimethylene-3-oxo-17beta-pregn-4-ene-21-carboxylic acid, gamma-lactone)	R10710	R02840 (31-Mar-20)	12-Mar-19	\$775.00

Backorder Availability As of March 26, 2019

Item No.	Description	Estimated Availability
1019870	4-Aminobenzoylglutamic Acid (50 mg)	Q1
1040854	Apocarotenal (3 x 50 mg) (Beta-Apo-8'-Carotenal)	Q2
1042420	Argatroban Related Compound B (20 mg) (Ethyl (4R)-1-[N ⁸ -nitro-L-arginyl]-4-methylpiperidine-2-carboxylate dihydrochloride)	Q2
1065480	Beta Carotene (7 x 100 mg) (COLD SHIPMENT REQUIRED)	Q2
1067307	Betamethasone Benzoate (200 mg)	Q2
1076308	Bleomycin Sulfate (15 mg)	Q2
1086141	Calcipotriene (200 mg)	Q2
1134186	Cilostazol Related Compound C (50 mg) (1-(4-(5-Cyclohexyl-1H-tetrazol-1-yl)butyl)-6-(4-(1-cyclohexyl-1H-tetrazol-5-yl)butoxy)-3,4-dihydroquinolin-2(1H)-one)	Q2
1157046	Cyclophosphamide Related Compound D (25 mg) (3-[2-(2-chloroethylamino)ethylamino]propyl dihydrogen phosphate dihydrochloride)	Q2
1166003	Deferoxamine Mesylate (300 mg)	Q2
1171910	Desflurane Related Compound A (0.1 mL) (bis-(1,2,2,2-tetrafluoroethyl) ether)	Q2
1179118	Dexketoprofen Tromethamine (200 mg)	Q2
1242000	Erythromycin (250 mg)	Q2
1270435	Filgrastim (0.98 mg) (COLD SHIPMENT REQUIRED)	Q4
1271008	Floxuridine (250 mg)	Q2
1292507	Glipizide (125 mg)	Q2
1297216	Goserelin Related Compound A (2 mg) (4-D-Serine Goserelin) (COLD SHIPMENT REQUIRED)	Q2
1301801	Guanethidine Monosulfate (200 mg)	Q2
1302906	Halobetasol Propionate (200 mg)	Q2
1325005	Hydroxyamphetamine Hydrobromide (200 mg)	TBD
1329913	5-Hydroxy-L-tryptophan (100 mg)	Q2
1345104	loversol (200 mg)	Q2
1356880	Lanolin (20 g)	Q2
1356949	Lauric Acid (500 mg)	Q2

1365021	Levothyroxine for Peak Identification (15 mg) (levothyroxine sodium spiked with liothyronine, triiodothyroacetic acid, tetraiodothyroacetic acid)	Q3
1367708	Linoleoyl Polyoxylglycerides (100 mg)	Q2
1370349	Lorazepam Related Compound C (25 mg) (6-Chloro-4-(o-chlorophenyl)-2-quinazolinecarboxaldehyde)	Q2
1414058	Methotrexate Related Compound E (50 mg) (4-[[2,4-Diaminopteridin-6-yl)methyl](methyl)amino}benzoic acid, hemihydrochloride)	Q2
1472000	Norgestrel (125 mg)	Q2
1483301	Oxfendazole (200 mg)	Q2
1492255	Palonosetron Related Compound D (15 mg) ((3aR)-2-[(3S)-Quinuclidin-3-yl]-2,3,3a,4,5,6-hexahydro-1H-benzo[de]isoquinolin-1-one hydrochloride)	Q2
1499414	Paricalcitol Solution (3 mL) (COLD SHIPMENT REQUIRED)	Q2
1514008	Phenacetin Melting Point Standard (1 g) (Approximately 135 degrees)	Q2
1544508	Piroxicam (125 mg)	Q2
1554603	Praziquantel (200 mg)	Q1
1598019	Rabeprazole Sodium (200 mg) (Sodium 2-[(R)-[[4-(3-methoxypropoxy)-3-methylpyridin-2-yl]methyl]sulfinyl]benzimidazol-1-ide hydrate)	Q2
1601180	Residual Solvent Class 1 - 1,2-Dichloroethane (1.2 mL/ampule; 3 ampules)	Q2
1610001	Scopolamine Hydrobromide (500 mg)	Q1
1633007	Sulfanilamide Melting Point Standard (1 g) (Approximately 165 degrees)	Q2
1671468	Tolterodine S-Enantiomer (15 mg) ((S)-2-[3-(Diisopropylamino)-1-phenylpropyl]-4-methylphenol tartrate)	Q2
1672927	Tranlylcypromine Related Compound B (40 mg) (trans-3-phenylallylamine hydrochloride; cinnamylamine hydrochloride)	Q2
1689001	Trimeprazine Tartrate (200 mg)	Q2
1711177	Vecuronium Bromide Related Compound B (15 mg) (Piperidinium, 1-[(2beta, 3alpha, 5alpha, 16beta, 17beta)-3-acetyloxy-17-hydroxy-2-(1-piperidinyl)androstan-16-yl]-1-methyl bromide)	Q2

*Dates are targets and may change at any time. Q1January—March, Q2 April –June, Q3- July – September, Q4- October –December

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Previously Out of Stock Items Now Available

Catalog	Description	Lot	Price
1000829	Abiraterone System Suitability Mixture (20 mg)	R103B0	\$775
1019870	4-Aminobenzoylglutamic Acid (50 mg)	R107C0	\$245

1116774	Chlorophyll A (15 mg)	R112F0	\$965
1148001	Colistin Sulfate (200 mg)	R102T0	\$255
1179118	Dexketoprofen Tromethamine (200 mg)	R10700	\$245
1242000	Erythromycin (250 mg)	R097G0	\$250
1296086	Glycopyrrolate Related Compound I (15 mg) ((RS)-3-[(SR)-2-(4-Chlorophenyl)-2-cyclopentyl-2-hydroxyacetoxy]-1,1-dimethylpyrrolidin-1-ium bromide)	R096M0	\$835
1334006	Hydroxyzine Pamoate (500 mg)	R11170	\$245
1380524	Memantine Related Compound B (15 mg) (3,5-Dimethyladamantane-1-ol)	R100Q0	\$835
1535507	Phenytoin Sodium (200 mg)	R11850	\$245
1535755	Phosphatidylcholine (Soy) (50 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	R108K0	\$275
1610001	Scopolamine Hydrobromide (500 mg)	R10130	\$245
1709007	Vancomycin Hydrochloride (500 mg)	R107F0	\$250

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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
1056504	1,4-Benzoquinone (200 mg)	R06861	R06860(29-Apr-19)	\$250.00

1081807	1-Butanol (1.2 mL/ampule; 3 ampules)	R048N0	G0M154(30-Apr-19)	\$245.00
1046045	Azithromycin Related Compound F (25 mg) (3'-N-demethyl-3'-N-formylazithromycin)	R08580	R063K0(30-Apr-19)	\$835.00
1096735	Carmustine Related Compound A (25 mg) (1,3-bis(2-chloroethyl)urea)	R08770	R035G0(30-Apr-19)	\$835.00
1111012	Chlorhexidine System Suitability Mixture (50 mg)	R074S0	F016F0(30-Apr-19)	\$775.00
1179628	Dextran 1 (50 mg)	R09240	F0D297(30-Apr-19)	\$295.00
1179628	Dextran 1 (50 mg)	R09240	F0D297(30-Apr-19)	\$295.00
1179628	Dextran 1 (50 mg)	R09240	F0D297(30-Apr-19)	\$295.00
1200520	Dihydroartemisinin (200 mg)	R076E0	F0M339(30-Apr-19)	\$245.00
1353113	Diluted Isosorbide Mononitrate Related Compound A (150 mg) (1,4:3,6-Dianhydro-D-glucitol 2-nitrate in lactose)	R08370	R01970(30-Apr-19)	\$820.00
1217909	Diphenhydramine Citrate (200 mg)	R08620	H2I247(30-Apr-19)	\$245.00
1237600	Epoprostenol Sodium (100 mg) (COLD SHIPMENT REQUIRED)	R10150	F0L201(30-Apr-19)	\$2,245.00
1254508	Estriol (100 mg)	R007R1	R007R0(30-Apr-19)	\$245.00
1270800	Flecainide Acetate (200 mg)	R08030	G0K124(30-Apr-19)	\$245.00
1291446	Ginger Constituent Mixture (0.6 mg) (A freeze-dried mixture of 6-Gingerol and 6-Shogaol)	R09440	F0E129(30-Apr-19)	\$360.00
1313006	Hydralazine Hydrochloride (200 mg)	R09070	M0I216(30-Apr-19)	\$245.00
1343540	Iodixanol Related Compound C (25 mg) (5-[Acetyl[3-[[[3,5-bis[[[(2,3-dihydroxypropyl)amino]carbonyl]-2,4,6-triiodophenyl]amino]-2-hydroxypropyl]amino]-N,N'-bis-(2,3-dihydroxypropyl)-2,4,6-triiodo-1,3-benzenedicarboxamide])	R003S1	R003S0(30-Apr-19)	\$775.00
1042500	L-Arginine (200 mg)	R074K0	I1J237(30-Apr-19)	\$290.00
1374361	Magnesium Sulfate (1 g) (Magnesium Sulfate (1:1) heptahydrate)	R079Y0	F0D160(30-Apr-19)	\$245.00
1409502	Methenamine Hippurate (200 mg)	R08080	R02490(30-Apr-19)	\$245.00
1440808	Metoclopramide Hydrochloride (500 mg)	R09580	I0M065(30-Apr-19)	\$245.00
1443806	Milbemycin Oxime (200 mg)	R086Q0	R01220(30-Apr-19)	\$245.00
1453526	Naltrexone Related Compound A CII (30 mg) (N-(3-butenyl)-noroxymorphone Hydrochloride)	R080G0	R02350(30-Apr-19)	\$775.00
1596807	Quinine Hydrochloride Dihydrate (1 g)	R071S0	F0C108(30-Apr-19)	\$245.00

1598031	Rabeprazole Related Compound B (15 mg) (2-{{(1H-benzo[d]imidazol-2-yl)sulfinyl)methyl}-4-(3-methoxypropoxy)-3-methylpyridine 1-oxide)	R08090	F0M252(30-Apr-19)	\$835.00
1601521	Residual Solvent Class 2 - 1,4-Dioxane (1.2 mL/ampule; 3 ampules)	R064V0	G0I251(30-Apr-19)	\$245.00
1604337	Riluzole (200 mg)	R073X0	F0I206(30-Apr-19)	\$295.00
1612029	Sennoside B (20 mg)	R086W0	G0L245(30-Apr-19)	\$360.00
1612630	Silybin (50 mg)	R064S0	R01720(30-Apr-19)	\$220.00
1613597	Sodium Bromide (1 g)	F1H116	F0H116(30-Apr-19)	\$245.00
1614308	Sodium Lactate (200 mg)	R07330	L0L443(30-Apr-19)	\$245.00
1615300	Solifenacin Succinate (100 mg)	R082W0	F04890(30-Apr-19)	\$730.00
1617500	Soybean Oil (1 g)	R08430	F0L405(30-Apr-19)	\$235.00
1631500	Sulfamethoxazole N4-Glucoside (25 mg) (4-(beta-D-glucopyranosylamino)-N-(5-methyl-3-isoxazolyl)-benzenesulfonamide)	R087U0	R029X0(30-Apr-19)	\$775.00
1667665	Tigecycline Related Compound B (25 mg) ((4S,4aS,5aR,12aS)-9-Amino-4,7-bis(dimethylamino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide hydrochloride)	R06360	F027E0(30-Apr-19)	\$835.00
1675007	Triacetin (1 g)	H3H083	H2H083(30-Apr-19)	\$245.00
1709018	Vancomycin B with Monodechlorovancomycin (300 mg)	R08270	R00300(30-Apr-19)	\$790.00

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