

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in the last month; backordered items with estimated availability dates; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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

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[New Reference Standards Now Available](#)

[Items with New Lots](#)

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

[Backorder Availability Report As of May 29, 2018](#)

[No Longer Valid as of June 2018](#)

New Reference Standards Now Available					
Catalog	Description	Old Size	New Size	Lot	Price
1601521	Residual Solvent Class 2 - 1,4-Dioxane (1.2 mL/ampule; 3 ampules)	N/A	N/A	R064V0	\$230
1134642	Clarithromycin Impurity R (10 mg) (N-desmethyl erythromycin A)	N/A	N/A	F1J143	\$805
1374000	Magaldrate (200 mg)	N/A	N/A	G0K370	\$230
1548043	Polyvinyl Acetate Dispersion (1 g)	N/A	N/A	R050P0	\$255

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Items with New Lots			
Catalog	Description and Package Size	Lot	Price (USD)
1354965	Ashwagandha Aerial Parts Dry Extract (250 mg)	F054J0	\$200
1721013	Xylometazoline Related Compound A (25 mg)	F09560	\$730
1012611	Albuterol Related Compound F (15 mg)	F09330	\$805
1175762	Desvenlafaxine Fumarate (200 mg)	F076A0	\$280
1646042	Testosterone Enanthate Related Compound F (50 mg)	F08810	\$730
1354954	Kaempferol-3-O-Robinoside-7-O-Glucoside (100 mg)	F054H0	\$160

1567999	Progesterone System Suitability Mixture (40 mg)	F083R0	\$730
1175795	Desvenlafaxine Related Compound B (25 mg)	F076D0	\$795

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Previously Out-of-Stock Items Now Available			
Catalog	Description and Package Size	Lot	Price
1409003	Methenamine (500 mg)	H1C047	\$230
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	\$730
1338801	Indapamide (500 mg)	R079H0	\$230
1646042	Testosterone Enanthate Related Compound F (50 mg) (Androst-4,6-dien-3-one-17Beta-yl heptanoate)	F08810	\$730
1287303	Gabapentin (250 mg)	R020J0	\$230
1724408	Ziprasidone Hydrochloride (200 mg)	F1J028	\$230
1175762	Desvenlafaxine Fumarate (200 mg) (1-[2-(Dimethylamino)-1-(4-hydroxyphenyl)ethyl]cyclohexanol trans-butenedioate monohydrate)	F076A0	\$280
1448956	Mycophenolate Mofetil (200 mg)	R03260	\$230
1479064	Orphenadrine Related Compound F (50 mg) (N,N-Dimethyl-2-[phenyl(p-tolyl)methoxy]ethanamine citrate)	R081C0	\$805
1233508	Edetic Acid (200 mg)	R08860	\$255
1295800	Glycine (200 mg)	H1L015	\$265
1696109	Triprolidine Hydrochloride Z-Isomer (50 mg)	R090E0	\$730
1707908	Valerenic Acid (30 mg)	R087L0	\$895
1285760	Flurbiprofen Related Compound A (100 mg) (2-(4-Biphenyl)propionic Acid)	R081D0	\$805
1671479	Tolterodine System Suitability Mixture (15 mg)	R071Y0	\$730
1381119	Menaquinone-7 (3 x 50 mg) (Vitamin K2)	R059X0	\$230
1596807	Quinine Hydrochloride Dihydrate (1 g)	R071S0	\$230
1631500	Sulfamethoxazole N4-Glucoside (25 mg) (4-(beta-D-glucopyranosylamino)-N-(5-methyl-3-isoxazolyl)-benzenesulfonamide)	R087U0	\$730
1288317	Ganciclovir Related Compound A (15 mg) ((RS)-2-Amino-9-(2,3-dihydroxypropoxymethyl)-1,9-dihydro-purin-6-one)	R05590	\$1,030
1500262	Paroxetine Related Compound E Mixture (25 mg) (1-Methyl-4-(p-fluorophenyl)-1,2,3,6-tetrahydropyridine in Paroxetine Hydrochloride)	G1H315	\$805

	Matrix)		
1296009	Glycopyrrolate (200 mg)	R005V0	\$230
1356009	Ketamine Hydrochloride CIII (250 mg)	R083G0	\$305
1144000	Codeine Phosphate CII (100 mg)	R074U0	\$305
1396364	Methacholine Chloride (5 x 150 mg)	R08450	\$250
1353113	Diluted Isosorbide Mononitrate Related Compound A (150 mg) (1,4:3,6-Dianhydro-D-glucitol 2-nitrate in lactose)	R08370	\$770
1548043	Polyvinyl Acetate Dispersion (1 g)	R021A0	\$255
1379276	Melengestrol Acetate Related Compound B (25 mg) (6,16-Dimethylene-3,20-dioxopregn-4-en-17-yl acetate)	R09590	\$730
1479009	Orphenadrine Citrate (200 mg)	R080A0	\$230
1443919	Milrinone Related Compound A (50 mg) (1,6-Dihydro-2-methyl-6-oxo(3,4'-bipyridine)-5-carboxamide	R094U0	\$730
1672257	Topotecan Hydrochloride (350 mg)	R093L0	\$230
1296042	Glycopyrrolate Related Compound C (25 mg) (2-Cyclopentyl-2-hydroxy-2-phenylacetic acid)	R070A0	\$805
1683559	Triethylamine (2 mL/ampule; 4 ampules) (N,N-diethylethanamine)	R077U0	\$230
1440808	Metoclopramide Hydrochloride (500 mg)	R09580	\$230
1175751	Desvenlafaxine (200 mg) (1-[2-(Dimethylamino)-1-(4-hydroxyphenyl)ethyl]cyclohexanol hydrogen)	F07690	
1131009	Cholecalciferol (30 mg/ampule; 5 ampules) (Vitamin D3)	R07150	\$235
1617500	Soybean Oil (1 g)	R08430	\$225
1433008	Methylphenidate Hydrochloride CII (125 mg)	R03510	\$245
1002811	Acetaldehyde (3 x 1.1 mL)	R08610	\$225
1200804	Dihydrocodeine Bitartrate CII (200 mg)	J1K044	\$305
1649007	Testosterone Propionate CIII (200 mg)	R07570	\$305
1362125	Levofloxacin Related Compound B (35 mg) ((S)-9,10-difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid)	R088A0	\$730
1478480	Omeprazole Related Compound B (15 mg) (5-Methoxy-1H-benzimidazol-2-thiol)	R074N0	\$730
1433008	Methylphenidate Hydrochloride CII (125 mg)	R082T0	\$245
1059058	Benzphetamine Related Compound E (30 mg) ((1S,2S)-2-[Benzyl(methyl)amino]-1-phenylpropan-1-ol hydrochloride)	F08890	
1140305	Clonazepam CIV (200 mg)	R074V0	\$305
1398009	Methadone Hydrochloride CII (200 mg)	R082A0	\$305

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Backorder Availability Report As of May 29, 2018

Catalog	Description	Expected Availability*
1612719	Tenivastatin Calcium (30 mg) (Calcium (3R,5R)-7- {(1S,2S,6R,8S,8aR)-8-[(2,2-dimethylbutanoyl)oxy]-2,6- dimethyl-1,2,6,7,8,8a-hexahydronaphthalen-1-yl}-3,5- dihydroxyheptanoate (1:2) monohydrate)	Q1
1279826	Fluoxetine Related Compound B (5 mL of a 0.01N HCl Solution, approx. 2 mg/mL) (N-Methyl-3- phenylpropylamine)	Q1
1118000	Chloroquine Phosphate (500 mg)	Q2
1002811	Acetaldehyde (3 x 1.1 mL)	Q2
1479315	Oseltamivir Related Compound A (10 mg) ((3S,4R,5S)- ethyl 4-acetamido-5-amino-2-azido-3-(pentan-3- yloxy)cyclohexanecarboxylate)	Q2
1507002	Pentobarbital CII (200 mg)	Q2
1711031	Vasicine (20 mg)	Q2
1033000	Ampicillin (200 mg)	Q2
1086866	Calcium (-)-Hydroxycitrate (150 mg)	Q2
1134379	Clarithromycin (100 mg)	Q2
1286209	Mafenide Related Compound A (50 mg) (4- Formylbenzenesulfonamide)	Q2
1076501	Bromocriptine Mesylate (150 mg)	Q2
1435003	Methylprednisolone (200 mg)	Q3
1667643	Tigecycline (300 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	Q3
1601703	Residual Solvent Class 2 - N-Methylpyrrolidone (1.2 mL/ampule; 3 ampules)	Q3
1237509	Epitetracycline Hydrochloride (250 mg)	Q3
1257018	Ethambutol Related Compound A (15 mg) ((2R,2'S)-2,2'- [ethane-1,2-diylbis(azanediy)]dibutan-1-ol)	Q3
1157002	Cyclophosphamide (500 mg)	Q3
1358503	Leuprolide Acetate (200 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	Q3
1032007	Amphotericin B (125 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	Q3
1711100	Vasopressin (1.70 mg) (8-L-arginine vasopressin) (COLD SHIPMENT REQUIRED)	Q3
1530004	Phentolamine Mesylate (200 mg)	Q3
1291446	Ginger Constituent Mixture (0.2 mg) (6-gingerol and 6- shogaol)	Q3
1675007	Triacetin (1 g)	Q3
1612630	Silybin (50 mg)	Q3
1237600	Epoprostenol Sodium (100 mg) (COLD SHIPMENT)	Q3

	REQUIRED)	
1179628	Dextran 1 (50 mg)	Q3
1713004	Vinblastine Sulfate (50 mg)	Q3
1228009	Drometrizole (25 mg) (2-(2H-Benzotriazol-2-yl)-p-cresol)	Q3
1291559	Ginkgo Terpene Lactones (50 mg)	Q3
1724408	Ziprasidone Hydrochloride (200 mg)	Q3
1106001	Chlorambucil (125 mg)	Q3
1035005	Anethole (4 x 0.5 mL)	Q3
1288317	Ganciclovir Related Compound A (15 mg) ((RS)-2-Amino-9-(2,3-dihydroxy-propoxymethyl)-1,9-dihydro-purin-6-one)	Q3
1381119	Menaquinone-7 (3 x 50 mg) (Vitamin K2)	Q3
1098130	Ceftazidime Pentahydrate (300 mg)	Q3
1500400	Parthenolide (25 mg)	Q3
1282004	Fluphenazine Hydrochloride (125 mg)	Q3
1138507	Clocortolone Pivalate (200 mg)	Q4
1612007	Sennosides (500 mg)	Q4
1051001	Benzalkonium Chloride (5 mL of approx. 10% aqueous solution)	Q4
1325005	Hydroxyamphetamine Hydrobromide (200 mg)	TBD
1241550	Ergotamine (100 mg)	TBD
1365021	Levothyroxine for Peak Identification (15 mg) (levothyroxine sodium spiked with liothyronine, triiodothyroacetic acid, tetraiodothyroacetic acid)	TBD
1071381	Biochanin A (20 mg)	TBD

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

RS Lots That are No Longer Valid This table 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](#) , and by downloading the free Reference Standards and Resources App.

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No Longer Valid as of June 2018				
Catalog #	Description	Current Lot	Previous Lot/Valid Use Date	Unit Price
1025602	Amino Methacrylate Copolymer (1.5 g)	R076U0	F0G005(30-	\$255

			Jun-18)	
1040683	Apigenin (30 mg)	R072R0	F0H245(30-Jun-18)	\$275
1044006	Aspirin (500 mg)	R059R0	H(30-Jun-18)	\$230
1044538	Atorvastatin Related Compound B (20 mg)	R06230	H0L297(30-Jun-18)	\$730
1056130	Benzophenone (25 mg)	R066B0	F011V0(30-Jun-18)	\$805
1087009	Calcium Pantothenate (200 mg)	R029P0	P0L523(30-Jun-18)	\$230
1087803	Candesartan Cilexetil (100 mg)	R06000	F0K123(30-Jun-18)	\$750
1097625	Cefdinir Related Compound A (10 mg)	R066G0	F0G373(30-Jun-18)	\$730
1097680	Cefepime Related Compound D (20 mg)	R063H0	F0L019(30-Jun-18)	\$730
1097909	Cefotaxime Sodium (500 mg)	R071G0	R021H0(30-Jun-18)	\$230
1118000	Chloroquine Phosphate (500 mg)		J1L043(30-Jun-18)	\$230
1118361	Chloroquine Related Compound E (10 mg)	R073R0	F0L547(30-Jun-18)	\$805
1133503	Cholic Acid (2 g)	R07280	R016D0(30-Jun-18)	\$225
1133536	Choline Bitartrate (200 mg)	R05960	R028F0(30-Jun-18)	\$200
1134335	Ciprofloxacin Hydrochloride (400 mg)	R05170	J1L040(30-Jun-18)	\$230
1137005	Clindamycin Palmitate Hydrochloride (500 mg)	R06970	I0M437(30-Jun-18)	\$630
1141002	Clotrimazole (200 mg)	R063A0	K1C282(30-Jun-18)	\$185
1220506	Dipyridamole (200 mg)	R031A0	I0K205(30-Jun-18)	\$230
1226003	Doxycycline Hyclate (200 mg)	R065H0	J1E174(30-Jun-18)	\$230
1231750	Echinacoside (15 mg)	R075A0	F0M214(30-Jun-18)	\$200
1255850	Eszopiclone CIV (100 mg)	R068G0	F0K158(30-Jun-18)	\$305
1270399	Fexofenadine Related Compound B (25 mg)	R06150	G0L338(30-Jun-18)	\$805
1325005	Hydroxyamphetamine Hydrobromide (200 mg)		G(30-Jun-18)	\$230
1357475	Latanoprost (50 mg)	R079T0	R05080(30-Jun-18)	\$1800
1370000	Loperamide Hydrochloride (200 mg)	R058D0	H1L093(30-Jun-18)	\$230
1370269	Loratadine Related Compound C (15 mg)	F1J365	F0J365(30-	\$730

			Jun-18)	
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
1437508	Methyl Stearate (300 mg)	R061N0	H0K288(30-Jun-18)	\$255
1443715	Midodrine Related Compound A (40 mg)	R081E0	F0J069(30-Jun-18)	\$805
1445506	Monobenzene (200 mg)	R082Q0	F(30-Jun-18)	\$230
1448672	Moxifloxacin Related Compound G (15 mg)	R080N0	F029J0(30-Jun-18)	\$805
1448990	Myristic Acid (200 mg)	R06070	F0E120(30-Jun-18)	\$255
1449008	Myristyl Alcohol (5 x 100 mg)	R064X0	R022M0(30-Jun-18)	\$255
1477808	Octyldodecanol (3 x 100 mg)	R059P0	H1M071(30-Jun-18)	\$255
1478425	Olopatadine Related Compound B (35 mg)	R077Q0	R042V0(30-Jun-18)	\$805
1478436	Olopatadine Related Compound C (35 mg)	R065M0	R03050(30-Jun-18)	\$730
1501006	Penicillamine (200 mg)	R07720	H1B164(30-Jun-18)	\$230
1510890	Perindopril Related Compound A (20 mg)	R08320	F0L105(30-Jun-18)	\$850
1534209	Phenyl Salicylate Melting Point Standard (1 g)	R062L0	F2M306(30-Jun-18)	\$150
1533002	Phenylephrine Hydrochloride (200 mg)	R06060	M0L504(30-Jun-18)	\$230
1541500	Piperacillin (350 mg)	R07230	J0L275(30-Jun-18)	\$230
1546605	Polyethylene Glycol 8000 (1 g)	R062K0	F0F050(30-Jun-18)	255
1547969	Polysorbate 80 (4 x 0.5 g)	R072G0	R030X0(30-Jun-18)	\$230
1572558	Propofol Related Compound C (25 mg)	R030J0	G2K251(30-Jun-18)	\$805
1584003	Pyrantel Pamoate (500 mg)	R06040	J1M553(30-Jun-18)	\$230
1592704	Quetiapine Fumarate (200 mg)	R065W0	R039V0(30-Jun-18)	\$230
1601408	Residual Solvent Class 2 - Cyclohexane (1.2 mL/ampule; 3 ampules)	R047N0	G0M072(30-Jun-18)	\$230
1623637	Sucrose (100 mg)	R04311	R04310(30-Jun-18)	\$255
1638000	Sulfisoxazole (200 mg)	R049L0	J(30-Jun-18)	\$230

1706701	Urea C 13 (150 mg)	R081Q0	I1H205(30-Jun-18)	\$270
1708004	Valganciclovir Hydrochloride (500 mg)	R07160	F0H008(30-Jun-18)	\$355
1724500	Zidovudine (400 mg)	R052L0	H0F263(30-Jun-18)	\$230
1724805	Zolazepam Hydrochloride (500 mg)	R067K0	G0C023(30-Jun-18)	\$230

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