



## USP Reference Standards Tables

Below are several tables with the latest USP Reference Standard (RS) information for the month of **February (2020)**. For the most up-to-date information, visit the online [USP store](#) which is updated daily. USP recommends referring to the store prior to using a USP RS to assure the lot remains valid for use and to obtain the most up-to-date USP Certificate and Safety Data Sheet.

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**AN IMPORTANT CHANGE NOT INCLUDED IN BELOW TABLES:** A Valid Use Date of 31July2020 has been assigned to USP Lauroyl Polyoxylglycerides Reference Standard catalog #1356950 current lot R102N0 due to an upcoming monograph revision. The lot remains available for purchase at this time. The VUD of previous lot R054X0 has also been shortened to 31July2020 for the same reason. Additional details on the upcoming monograph changes are expected to be posted on this RS's product page in February.

Previous months' tables can be viewed on our [website](#).

**IMPORTANT:** Be sure to review the Not Yet Official version of General Chapter <11> *USP Reference Standards* which was posted in the USP-NF Online publication on February 1. It will become official on August 1, 2020.

[Click here](#) to learn about additional newsletters available to stay up-to-date on other USP offerings and programs such as education and training, monograph modernization, and compendial updates.

**USP strongly suggests downloading the [FREE Reference Standards and Resources APP](#) on your phone or tablet. The APP allows you to easily track lot changeovers by opting in to receive push notifications only for the USP RS's of interest.**

Please visit the [USP store](#) to place an order online. You may also contact Customer Service at [custsvc@usp.org](mailto:custsvc@usp.org) or 1-800-227-8772. Please contact [rstech@usp.org](mailto:rstech@usp.org) for all other support related to USP RS's.

## Never-Before-Released USP RS's – Now Available

Catalog #	Description	Current Lot	Availability Date
1667870	Annatto Seed Tocotrienols Extract (4 x 150 mg)	F055K0	30-Jan-20
1044265	Atenolol Related Compound B (25 mg) (2-[4-(2,3-Dihydroxypropoxy)phenyl]acetamide)	F12720	27-Jan-20
1075870	Bitter Orange Fruit Flavonoids Dry Extract (1 g)	F092T0	17-Jan-20
1148566	Coptisine Chloride (15 mg)	F114H0	17-Jan-20
1613032	Desiccant, Large (2 pouches (approximate weight 80 grams, each))	F12560	27-Jan-20
1225496	Doxazosin Related Compound G (15 mg) (4-Amino-6,7-dimethoxyquinazolin-2(1H)-one hydrochloride) (COLD SHIPMENT REQUIRED)	F10430	8-Jan-20
1374281	Magnesium Oxide (500 mg)	F094K0	7-Jan-20
1449766	Nadolol Related Compound F (25 mg) (1-(tert-Butylamino)-3-(naphthalen-1-yloxy)propan-2-ol)	F122V0	6-Jan-20
1463439	Nilotinib Related Compound A (25 mg) (3-(4-Methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)aniline)	F093U0	30-Jan-20
1463461	Nilotinib System Suitability Mixture (10 mg)	F093X0	6-Jan-20
1524012	Phenobarbital Related Compound A (30 mg) (5-Ethyl-2,6-diimino-5-phenyltetrahydropyrimidin-4(1H)-one)	F123D0	6-Jan-20
1544519	Piroxicam Related Compound A (50 mg) (Pyridin-2-amine)	F102D0	27-Jan-20
1611966	Selenium Sulfide (200 mg)	F08660	21-Jan-20

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## Existing USP RS's with New Current Lots

Catalog #	Description	Current Lot	Previous Lot (Valid Use Date)
1034308	Amrinone (500 mg) (Inamrinone)	R13050	G (31-Jul-20)
1044108	Astragaloside IV (100 mg) ((3beta,6alpha,9beta,16beta,20R,24S)-16,25-Dihydroxy-3-(beta-D-xylopyranosyloxy)-20,24-epoxy-9,19-cyclolanostan-6-yl beta-D-glucopyranoside)	R088V0	F01460 (30-Nov-20)
1062008	Benzyl Benzoate (5 g)	R116N0	K0K392 (31-Oct-20)
1078336	Bumetanide Related Compound B (25 mg) (3-Nitro-4-phenoxy-5-sulfamoylbenzoic Acid)	R126C0	F-2 (31-Dec-20)
1078824	Buspirone Related Compound L (75 mg x 2) (8-(4-Chlorobutyl)-8-azaspiro[4.5]decane-7,9-dione)	R11950	R07610 (31-Jan-21)
1134084	Ciclopirox Related Compound C (10 mg) (6-Cyclohexyl-4-methylpyridin-2(1H)-one)	R109C0	F0K084 (31-Jan-21)
1134379	Clarithromycin (100 mg)	R07811	R07810 (31-Jan-21)
1135021	Clidinium Bromide Related Compound A (250 mg) (3-Hydroxy-1-methylquinuclidinium Bromide)	R13010	J0J154 (31-Dec-20)

Catalog #	Description	Current Lot	Previous Lot (Valid Use Date)
1157035	Cyclophosphamide Related Compound C (25 mg) (3-aminopropyl dihydrogen phosphate)	R116R0	R052B0 (31-Jan-21)
1171910	Desflurane Related Compound A (0.1 mL) (Bis-(1,2,2,2-tetrafluoroethyl)ether)	R107M0	FOC031 (31-Mar-20)
1173100	Desmethoxycurcumin (30 mg)	R113A0	FOH153 (20-Dec-19)
1173257	Desogestrel Related Compound B (25 mg) (13-Ethyl-3-hydroxy-11-methylene-18,19-dinor-17alpha-pregn-4-en-20-yn-17-ol)	R122A0	R024C0 (31-Jan-21)
1177032	Dexamethasone Sodium Phosphate (500 mg)	R110C0	R06110 (31-Oct-20)
1179005	Dexchlorpheniramine Maleate (300 mg)	R112J0	R005Q0 (31-Jan-21)
1202005	Dihydroergotamine Mesylate (500 mg)	R125D0	R08260 (30-Nov-20)
1247003	Erythromycin Lactobionate (200 mg)	R115Y0	H-1 (29-Feb-20)
1249202	Escin (350 mg)	R115X0	R023G0 (31-Oct-20)
1260001	Ethinyl Estradiol (150 mg)	R13420	ROM195 (30-Sep-20)
1612506	L-Serine (200 mg)	R11570	H1J185 (31-Dec-20)
1357067	Leflunomide Related Compound C (10 mg) (N-(3'-Trifluoromethylphenyl)-5-methylisoxazole-4-carboxamide)	R120B0	R026R0 (31-Jan-21)
1370305	Lorazepam CIV (200 mg)	R114V0	J0I304 (31-Jan-21)
1414025	Methotrexate Related Compound B (75 mg) ((S)-2-{4-[(2,4-diaminopteridin-6-yl)methylamino]benzamido}pentanedioic acid)	R116D0	R02860 (31-Dec-20)
1443759	Mifepristone (200 mg)	R125X0	FOH385 (31-Oct-20)
1448027	Morphine Related Compound B CII (20 mg) (2,2'-Bimorphine trihydrate)	R104G1	R104G0 (31-Dec-20)
1448978	Mycophenolate Mofetil Related Compound B (15 mg) [(RS)-7-hydroxy-5-methoxy-4-methyl-6-[2-(5-methyl-2-oxo-tetrahydrofuran-5-yl)ethyl]-3H-isobenzofuranyl-1-one]	R099L0	R070W0 (31-Jan-21)
1010106	N-Acetyl-L-Tyrosine (100 mg)	R084G0	FOI085 (31-Oct-20)
1462006	Niacinamide (500 mg)	R085S0	O0L486 (31-Jan-21)
1468400	Nordazepam CIV (50 mg) (7-Chloro-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one)	R013P1	R013P0 (31-Jan-21)
1533002	Phenylephrine Hydrochloride (200 mg)	R113V0	R06060 (31-Dec-20)
1548101	Potassium Benzoate (1 g)	R128F0	F1K362 (31-Oct-20)
1291504	Powdered Ginger (500 mg)	R131J0	F04221 (31-Oct-20)
1601780	Residual Solvent Class 2 - Tetralin (1.2 mL/ampule; 3 ampules)	R126M0	F0D228 (8-Apr-19)
1642223	Sumatriptan Succinate Related Compound C (50 mg) ([3-[2-(dimethylamino)ethyl]-1-(hydroxymethyl)-1H-indol-5-yl]-N-methylmethanesulfonamide succinate salt)	R123B0	G1L389 (31-Jan-21)
1653117	Theophylline Melting Point Standard (2 x 500 mg) (Approximately 271 degrees)	R114D0	F2M305 (31-Aug-20)
1724350	Zaleplon CIV (200 mg)	F1J210	FOJ210 (31-Jan-21)

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## Previously Unavailable USP RS's – Now Available

Catalog #	Description	Current Lot
1034308	Amrinone (500 mg) (Inamrinone)	R13050
1044108	Astragaloside IV (100 mg) ((3beta,6alpha,9beta,16beta,20R,24S)-16,25-Dihydroxy-3-(beta-D-xylopyranosyloxy)-20,24-epoxy-9,19-cyclolanostan-6-yl beta-D-glucopyranoside)	R088V0
1062008	Benzyl Benzoate (5 g)	R116N0
1078336	Bumetanide Related Compound B (25 mg) (3-Nitro-4-phenoxy-5-sulfamoylbenzoic Acid)	R126C0
1078824	Buspirone Related Compound L (75 mg x 2) (8-(4-Chlorobutyl)-8-azaspiro[4.5]decane-7,9-dione)	R11950
1135021	Clidinium Bromide Related Compound A (250 mg) (3-Hydroxy-1-methylquinuclidinium Bromide)	R13010
1171910	Desflurane Related Compound A (0.1 mL) (Bis-(1,2,2,2-tetrafluoroethyl)ether)	R107M0
1173100	Desmethoxycurcumin (30 mg)	R113A0
1177032	Dexamethasone Sodium Phosphate (500 mg)	R110C0
1202005	Dihydroergotamine Mesylate (500 mg)	R125D0
1247003	Erythromycin Lactobionate (200 mg)	R115Y0
1249202	Escin (350 mg)	R115X0
1260001	Ethinyl Estradiol (150 mg)	R13420
1612506	L-Serine (200 mg)	R11570
1370305	Lorazepam CIV (200 mg)	R114V0
1414025	Methotrexate Related Compound B (75 mg) ((S)-2-{4-[(2,4-diaminopteridin-6-yl)methylamino]benzamido}pentanedioic acid)	R116D0
1443759	Mifepristone (200 mg)	R125X0
1448027	Morphine Related Compound B CII (20 mg) (2,2'-Bimorphine trihydrate)	R104G1
1548101	Potassium Benzoate (1 g)	R128F0
1291504	Powdered Ginger (500 mg)	R131J0
1601780	Residual Solvent Class 2 - Tetralin (1.2 mL/ampule; 3 ampules)	R126M0
1653117	Theophylline Melting Point Standard (2 x 500 mg) (Approximately 271 degrees)	R114D0

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**USP RS's Backorder Availability Report\***

Catalog #	Description	Estimated Availability Date (as of 05Feb2020)
1666006	(E)-Thiothixene (100 mg)	TBD
1008501	Acetylcholine Chloride (200 mg)	2020-Q2
1035402	Anhydro Simvastatin (30 mg) ((1S,3R,7S,8S,8aR)-3,7-Dimethyl-8-[2-[(2R)-6-oxo-3,6-dihydro-2H-pyran-2-yl]ethyl]-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2,2-dimethylbutanoate)	TBD
1041609	Apraclonidine Hydrochloride (100 mg)	2020-Q3
1042408	Argatroban (350 mg)	2020-Q2
1048233	Bacoside A3 (15 mg)	2020-Q2
1056005	Benzonatate (1 g)	2020-Q1
1076363	Brinzolamide (200 mg)	TBD
1086039	Caftaric Acid (20 mg)	2020-Q3
1086200	Calcitonin Salmon (20 mg) (COLD SHIPMENT REQUIRED)	2020-Q1
1086436	Calcium Chloride (1 g) (AS)	2020-Q2
1091040	Caprylic Acid (300 mg)	2020-Q1
1096529	Carglumic Acid Related Compound B (30 mg) ((S)-2,7-dioxo-1,3-diazepane-4-carboxy	N/A
1130710	CHO Genomic DNA (30 ng/uL, 20 uL per vial) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	TBD
1134118	Cisatracurium Besylate (350 mg)	2020-Q2
1134131	Cisatracurium Besylate System Suitability Mixture (20 mg)	TBD
1134233	Citalopram Hydrobromide (200 mg)	2020-Q1
1140509	Clorazepate Dipotassium CIV (125 mg)	2020-Q2
1150115	Cosyntropin Acetate (1.69 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED) (alpha1-24-Corticotropin)	TBD
1166116	Deflazacort (100 mg)	TBD
1173202	Desmopressin Acetate (2.01 mg) (COLD SHIPMENT REQUIRED)	TBD
1173508	Desoximetasone (200 mg)	2020-Q1
1174001	Desoxycorticosterone Acetate (200 mg)	N/A
1176506	Dexamethasone Acetate (200 mg)	2020-Q1
1179865	Dextran 10 Calibration (100 mg)	2020-Q2
1179887	Dextran 70 Calibration (100 mg)	2020-Q2
1551128	Dibasic Potassium Phosphate (5 g) (AS)	TBD
1220302	Dipivefrin Hydrochloride (200 mg)	N/A
1224959	Dolasetron Mesylate (125 mg)	TBD
1224960	Dolasetron Mesylate Related Compound A (25 mg) (Hexahydro-8-hydroxy-2,6-methano-2H-quinolizin-3 (4H)-one, hydrochloride)	TBD
1249789	Esomeprazole Magnesium (25 mg)	2020-Q2
1265606	Ethyl Formate (1.2 mL/ampule; 3 ampules)	2020-Q2
1268728	Etodolac Related Compound A (25 mg) ((+/-)-8-ethyl-1-methyl-1,3,4,9-tetrahydropyrano [3,4-b]-indole-1-acetic acid)	2020-Q3
1269505	Fenoprofen Calcium (500 mg)	2020-Q3

Catalog #	Description	Estimated Availability Date (as of 05Feb2020)
1270435	Filgrastim (0.98 mg) (COLD SHIPMENT REQUIRED)	2020-Q1
1285002	Flurazepam Hydrochloride CIV (200 mg)	2020-Q2
1285807	Flurbiprofen Sodium (200 mg)	2020-Q3
1282707	Fondaparinux Sodium for Assay (0.6 mL) (COLD SHIPMENT REQUIRED)	2020-Q2
1295731	Glyceryl Monolinoleate (500 mg)	2020-Q2
1305303	Hexacosanol (100 mg)	2020-Q3
1325005	Hydroxyamphetamine Hydrobromide (200 mg)	2020-Q2
1335417	Ibandronate Sodium (200 mg)	2020-Q1
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)	2020-Q1
1357522	Latanoprost Related Compound D (25 mg) (COLD SHIPMENT REQUIRED) (Isopropyl (Z)-7-{{(1R,2R,3R,5S)-2-[(R)-5-phenyl-3-(triethylsilyloxy)pentyl]-3,5-bis(triethylsilyloxy)cyclopentyl}hept-5-enoate)	2020-Q3
1358784	Levalbuterol Hydrochloride (200 mg)	2020-Q1
1362500	Levonordefrin (200 mg)	2020-Q2
1364007	Levorphanol Tartrate CII (500 mg)	TBD
1374226	Magnesium Carbonate (2 g) (AS)	TBD
1378001	Medroxyprogesterone Acetate (200 mg)	2020-Q1
1381006	Menadione (200 mg) (Vitamin K3)	2020-Q1
1396502	Methacrylic Acid and Methyl Methacrylate Copolymer (1:2) (200 mg) MMethacrylic Acid Copolymer, Type B	2020-Q2
1427005	Methyldopate Hydrochloride (200 mg)	TBD
1098388	Microcrystalline Cellulose (1 g)	2020-Q1
1448559	Moxidectin (200 mg)	2020-Q1
1478593	Ondansetron Related Compound A (50 mg) (3[[[Dimethylamino)methyl]-1,2,3,9-tetrahydro-9-methyl-4H-carbazol-4-one hydrochloride)	2020-Q1
1481248	Oxaliplatin Related Compound D (10 mg) (cis-[[[1S,2S)-1,2-cyclohexanediamine-N,N']][oxalato(2-)-O,O']platinum)	2020-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)	2020-Q2
1494942	Pantoprazole Related Compound E (20 mg) (6,6'-bis(difluoromethoxy)-2,2'-bis[[[(3,4-dimethoxypyridin-2-yl)methyl]sulfinyl]-1H,1'H-5,5'-bibenzimidazolyl)	2020-Q1
1526200	Phenoxyethanol (500 mg) (2-Phenoxyethanol)	2020-Q1
1535744	Phosphatidylethanolamine (100 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	2020-Q2
1538006	Phytonadione (100 mg x 5 ampules) (Vitamin K1)	2020-Q1

Catalog #	Description	Estimated Availability Date (as of 05Feb2020)
1546503	Polyethylene Glycol 1500 (1 g)	N/A
1547801	Polyoxyl 20 Cetostearyl Ether (100 mg)	2020-Q2
1593423	Quinapril Related Compound B (50 mg) (3-Isoquinolinecarboxylic acid, 2-[2-[(1-carboxy-3-phenylpropyl)amino]-1-oxopropyl]-1,2,3,4-tetrahydro-,[3S-[2[R*(R*)],3R*]])	2020-Q1
1598201	Raloxifene Hydrochloride (200 mg)	2020-Q1
1604847	Rivastigmine Tartrate R-Isomer (20 mg) ((R)-3-[1-(Dimethylamino)ethyl]phenyl ethylmethylcarbamate, hydrogen tartrate)	2020-Q1
1605227	Ropinirole Related Compound B (50 mg) (4-[2-(Dipropylamino)ethyl]indoline-2,3-dione hydrochloride)	2020-Q2
1605523	Ropivacaine Related Compound B (50 mg) ((R)-(+)-1-Propylpiperidine-2-carboxylic acid (2,6-dimethylphenyl)-amide hydrochloride monohydrate)	2020-Q2
1578816	rProtein A (250 uL/ampule; 2 ampules) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	TBD
1609807	Salsalate (150 mg)	2020-Q1
1615956	Sorbic Acid (1 g)	2020-Q1
1662504	Thioridazine (200 mg)	TBD
1673715	Trehalose (400 mg)	2020-Q1
1696153	Tritricosanoin (50 mg)	TBD
1700002	Trypsin Crystallized (300 mg) (COLD SHIPMENT REQUIRED)	N/A
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)	2020-Q2
1711188	Vecuronium Bromide Related Compound C (15 mg) (Piperidinium, 1-[(2beta,3alpha,5alpha,16beta,17beta)-3,17-dihydroxy-2-(1-piperidinyl)androstan-16-yl]-1-methyl bromide)	2020-Q3
1711268	Venlafaxine Hydrochloride (100 mg)	2020-Q2
1727009	Zolmitriptan (200 mg)	2020-Q1

\*Estimated Availability provided is a target only and may change at any time.

Q1: January—March, Q2: April –June, Q3: July – September, Q4: October –December

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## USP RS's with Changes Made to the Description, including Package Size Changes

Catalog #	Current Lot	Current Description	Old Description	Current Package Size	Old Package Size
1173257	R122A0	Desogestrel Related Compound B (25 mg) (13-Ethyl-3-hydroxy-11-methylene-18,19-dinor-17alpha-pregn-4-en-20-yn-17-ol)	Desogestrel Related Compound B (25 mg) (3-Hydroxy-desogestrel)	25 mg	N/A
1231003		Dydrogesterone (200 mg) <sup>1</sup>	Dydrogesterone (200 mg) DISCONTINUED <sup>1</sup>	200 mg	N/A
1572547	R038D0	Propofol Related Compound B (30 mg) (2,6-Diisopropyl-1,4-benzoquinone)	Propofol Related Compound B (30 mg) (2,6-diisopropylbenzoquinone)	30 mg	N/A

<sup>1</sup> Due to comments received through the *Pharmacopeial Forum* (PF) regarding the proposed omission of the Dydrogesterone and Dydrogesterone Tablets monographs, the omission proposals have been cancelled and the monographs will remain active. Therefore, the USP Dydrogesterone RS will not be discontinued and a replacement lot will be developed.

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## USP RS Lots with a Valid Use Date (VUD) in January 2020

Catalog #	Description	Current Lot	Previous Lot
1012600	Albuterol (200 mg)	R097B0	I(31-Jan-20)
1067307	Betamethasone Benzoate (200 mg)	R11700	G0J080(31-Jan-20)
1078201	Budesonide (200 mg)	R079R0	R036W0(31-Jan-20)
1078529	Bupivacaine Related Compound B (50 mg) N-(2,6-Dimethylphenyl)piperidine-2-carboxamide Hydrochloride	R106Y0	R071A0(31-Jan-20)
1078700	Buprenorphine Hydrochloride CIII (50 mg)	R09910	R00770(31-Jan-20)
1086141	Calcipotriene (200 mg)	R091L0	F029A0(31-Jan-20)
1086403	Calcium Carbonate (1 g)	R094J0	R030A0(31-Jan-20)
1090728	Capecitabine Related Compound B (20 mg) (5'-deoxy-5-fluorouridine)	R103A0	G0L481(31-Jan-20)
1134288	Citalopram Related Compound E (25 mg) (1-(3-dimethylaminopropyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile-N-oxide hydrochloride)	R093K0	G0M155(31-Jan-20)



Catalog #	Description	Current Lot	Previous Lot
1134390	Clarithromycin Identity (10 mg)	R099M0	R003C0(31-Jan-20)
1140586	Clopidogrel Related Compound A (20 mg) ((+)-(S)-(o-chlorophenyl)-6,7-dihydrothieno[3,2-c]pyridine-5(4H)-acetic acid, hydrochloride)	R098N0	H0M124(31-Jan-20)
1148001	Colistin Sulfate (200 mg)	R102T0	R02022(31-Jan-20)
1150003	Cortisone Acetate (150 mg)	R074Q0	J0M362(31-Jan-20)
1199002	Digitoxin (200 mg)	R09820	N01195(31-Jan-20)
1237000	Epinephrine Bitartrate (200 mg)	R093E0	P2L152(31-Jan-20)
1241903	Erythritol (200 mg)	R093G0	F1F295(31-Jan-20)
1271008	Floxuridine (250 mg)	R108D0	G0F207(31-Jan-20)
1338346	Imiquimod Related Compound C (25 mg) (4-Chloro-1-isobutyl-1H-imidazo[4,5-c]quinoline)	R088R0	F0K100(31-Jan-20)
1340009	Indocyanine Green (250 mg)	R096K0	R05540(31-Jan-20)
1345104	Ioversol (200 mg)	R101C0	F(31-Jan-20)
1367708	Linoleoyl Polyoxylglycerides (150 mg)	R109J0	F0C283(31-Jan-20)
1374601	Malic Acid (500 mg)	R013S0	R00651(31-Jan-20)
1026004	m-Aminophenol (300 mg)	R07900	G0J290(31-Jan-20)
1379183	Melamine (250 mg) (2,4,6-Triamino-1,3,5-triazine)	G2M492	G1M492(31-Jan-20)
1396502	Methacrylic Acid and Methyl Methacrylate Copolymer (1:2) (200 mg) Methacrylic Acid Copolymer, Type B	H1G385	H0G385(31-Jan-20)
1414058	Methotrexate Related Compound E (50 mg) (4-{{(2,4-Diaminopteridin-6-yl)methyl}(methyl)amino}benzoic acid, hemihydrochloride)	R106M0	G0L541(31-Jan-20)
1009978	N-Acetyl-D,L-Methionine (100 mg) (N-Acetylmethionine)	F03581	F03580(31-Jan-20)
1499414	Paricalcitol Solution (3 mL) (COLD SHIPMENT REQUIRED)	R096Q0	R01650(31-Jan-20)
1500557	Peanut Oil (1 g)	R101S0	G0L403(31-Jan-20)
1535755	Phosphatidylcholine (Soy) (50 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)	R108K0	R060L0(31-Jan-20)
1578805	Protein A (250 uL/ampule; 2 ampules) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED) DISCONTINUED		F0K214(31-Jan-20)
1601441	Residual Solvent Class 2 - Methylene Chloride (1.2 mL/ampule; 3 ampules)	R08150	R039B0(31-Jan-20)
1610001	Scopolamine Hydrobromide (500 mg)	R10130	L1M054(31-Jan-20)
1626500	Sulfadoxine (200 mg)	R099P0	F5H227(31-Jan-20)
1633007	Sulfanilamide Melting Point Standard (1 g) (Approximately 165 degrees)	R10910	R007N1(31-Jan-20)
1643452	Terazosin Hydrochloride (200 mg)	R111C0	G0F290(31-Jan-20)
1667443	Timolol Related Compound E (20 mg) ((S,Z)-4-{{1-(tert-butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]propan-2-yl}oxy)-4-oxobut-2-enoic acid maleate salt (1:1))	R073H0	F000U0(31-Jan-20)
1672756	Tranexamic Acid Related Compound C (15 mg) ((RS)-4-(Aminomethyl)cyclohex-1-enecarboxylic acid hydrochloride)	R110W0	R037N0(31-Jan-20)

Catalog #	Description	Current Lot	Previous Lot
1705323	Ubidecarenone Related Compound A (15 mg) (Coenzyme Q9) (COLD SHIPMENT REQUIRED)	R08350	R002Y0(31-Jan-20)
1718020	Voriconazole Related Compound B (10 mg) ((2S, 3R)-2-(2,4-Difluorophenyl)-3-(5-fluoropyrimidin-4-yl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol)	R095D0	G0M383(31-Jan-20)
1720429	Xylazine Hydrochloride (200 mg)	R10670	G0M323(31-Jan-20)

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### USP RS Lots with a Valid Use Date (VUD) in February 2020

Catalog #	Description	Current Lot	Previous Lot
1000818	Abiraterone Acetate (200 mg)	R078C0	F029L0(29-Feb-20)
1000829	Abiraterone System Suitability Mixture (20 mg)	R103B0	R065J0(29-Feb-20)
1042420	Argatroban Related Compound B (20 mg) (Ethyl (4R)-1-[N <sup>8</sup> -nitro-L-arginyl]-4-methylpiperidine-2-carboxylate dihydrochloride)	R13280	F0M536(29-Feb-20)
1044403	Atenolol (200 mg)	R101E0	I1F032(29-Feb-20)
1048222	Baclofen Related Compound A (50 mg) (4-(4-Chlorophenyl)-2-pyrrolidinone)	R097N0	R03750(29-Feb-20)
1065480	Beta Carotene (7 x 100 mg) (COLD SHIPMENT REQUIRED)	R096S0	G0M537(29-Feb-20)
1074007	Bisacodyl (125 mg)	R098Y0	J0G408(29-Feb-20)
1096677	Carvedilol Related Compound E (15 mg) (2-(2-Methoxyphenoxy)ethyl amine hydrochloride monohydrate)	R100C0	F1H201(29-Feb-20)
1134380	Clarithromycin Related Compound A (25 mg) (6,11-di-O-methylerythromycin A)	R114R0	R08130(29-Feb-20)
1140430	Clopidogrel Bisulfate (125 mg)	R095G0	R018J0(29-Feb-20)
1157046	Cyclophosphamide Related Compound D (25 mg) (3-[2-(2-chloroethylamino)ethylamino]propyl dihydrogen phosphate dihydrochloride)	R108C0	F1I375(29-Feb-20)
1041992	Desfluoro Aprepitant (15 mg) (5-[[[(2R,3S)-2-[(R)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy]-3-phenylmorpholino]methyl]-2H-1,2,4-triazol-3(4H)-one)	R101L0	F01950(29-Feb-20)
1179118	Dexketoprofen Tromethamine (200 mg)	R10700	F0M372(29-Feb-20)
1181302	Dextrose (500 mg)	R09500	R035J0(29-Feb-20)

Catalog #	Description	Current Lot	Previous Lot
1225533	Doxepin Related Compound C (25 mg) ((E,Z)-3-(Dibenzo[b,e]oxepin-11(6H)-ylidene)-N-methylpropan-1-amine hydrochloride)	R110U0	G0J309(29-Feb-20)
1247003	Erythromycin Lactobionate (200 mg)		H-1(29-Feb-20)
1269447	Fenofibrate (200 mg)	R096N0	R002C0(29-Feb-20)
1302906	Halobetasol Propionate (200 mg)	R100S0	F1I371(29-Feb-20)
1347609	Irinotecan Hydrochloride (100 mg)	R10230	R022P0(29-Feb-20)
1354900	Kaempferol (15 mg) (3,5,7-Trihydroxy-2-(4-hydroxyphenyl)-4H-chromen-4-one)	R12200	R06120(29-Feb-20)
1380524	Memantine Related Compound B (15 mg) (3,5-Dimethyladamantane-1-ol)	R100Q0	R012N1(29-Feb-20)
1392807	Mesna (200 mg)	F1H331	F0H331(29-Feb-20)
1441301	Metoprolol Tartrate (200 mg)	R091M0	I1L303(29-Feb-20)
1444279	Mirtazapine (350 mg)	R099J0	H0M110(29-Feb-20)
1445448	Mogroside V (100 mg)	R11330	F0L170(29-Feb-20)
1472000	Norgestrel (125 mg)	R10240	J1G387(29-Feb-20)
1483301	Oxfendazole (200 mg)	R11840	R004P0(29-Feb-20)
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)		F02790(29-Feb-20)
1494910	Pantoprazole Related Compound B (25 mg) (5-(difluoromethoxy)-2-[[[(3,4-dimethoxy-2-pyridinyl)methyl]thio]-1H-benzimidazole)	R103F0	R041U0(29-Feb-20)
1535507	Phenytoin Sodium (200 mg)	R11850	I0L257(29-Feb-20)
1544508	Piroxicam (125 mg)	R10290	J0M314(29-Feb-20)
1561020	Prilocaine Related Compound B (50 mg) ((RS)-N-(4-methylphenyl)-2-(propylamino)propanamide)	R099D0	F0E075(29-Feb-20)
1584105	Pyrantel Tartrate (200 mg)	F1L575	F0L575(29-Feb-20)
1598019	Rabeprazole Sodium (250 mg) (2-[[[4-(3-Methoxypropoxy)-3-methyl-2-pyridyl]methyl]sulfinyl]benzimidazole sodium salt, hydrate)	R103E0	R00940(29-Feb-20)
1602502	Retinyl Palmitate (4 x 50 mg)	R090Q0	R020B0(29-Feb-20)
1614636	Sodium Salicylate (500 mg)	F1E238	F0E238(29-Feb-20)
1667326	Timolol Related Compound C (20 mg) (N-(tert-Butyl)-2,3-bis(4-morpholino-1,2,5-thiadiazol-3-yloxy)propan-1-amine maleate)	R090T0	F000S0(29-Feb-20)
1671479	Tolterodine System Suitability Mixture (15 mg)	R071Y0	F029W0(29-Feb-20)

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**USP RS Lots with a Valid Use Date (VUD) in March 2020**

Catalog #	Description	Current Lot	Previous Lot
1019870	4-Aminobenzoylglutamic Acid (50 mg)	R107C0	F0M031(31-Mar-20)
1019803	Aminobenzoic Acid (200 mg) (p-aminobenzoic acid)	R095Q0	R021P1(31-Mar-20)
1036110	Aniline (250 mg)	R090N0	F036F0(31-Mar-20)
1042437	Argatroban Related Compound C (20 mg) ((2R,4R)-1-[N <sup>8</sup> -amino- N <sup>2</sup> -(3-methyl-1,2,3,4-tetrahydroquinoline-8-sulfonyl)-L-arginyl]-4-methylpiperidine-2-carboxylic acid)	R10110	F0M483(31-Mar-20)
1043513	Asparagine Monohydrate (200 mg)	R102B0	F0E012(31-Mar-20)
1076308	Bleomycin Sulfate (15 mg)	R118Q0	L1L527(31-Mar-20)
1076115	Bosentan (200 mg)	R078P0	R012A0(31-Mar-20)
1134186	Cilostazol Related Compound C (50 mg) (1-(4-(1-Cyclohexyl-1H-tetrazol-5-yl)butyl)-6-(4-(1-cyclohexyl-1H-tetrazol-5-yl)butoxy)-3,4-dihydroquinolin-2(1H)-one)	R104W0	F0G074(31-Mar-20)
1150353	Creatinine (100 mg) (2-Imino-1-methylimidazolidin-4-one)	F2F318	F1F318(31-Mar-20)
1154605	Cyclohexylmethanol (1 mL/ampule; 2 ampules)	R107S0	F0F072(31-Mar-20)
1166003	Deferoxamine Mesylate (300 mg)	K1K196	K0K196(31-Mar-20)
1171910	Desflurane Related Compound A (0.1 mL) (Bis-(1,2,2,2-tetrafluoroethyl)ether)	R107M0	F0C031(31-Mar-20)
1222400	Disodium 5'-Uridylate (500 mg)	R114W0	F0J213(31-Mar-20)
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)
1234136	Efavirenz Related Compound C (20 mg) (6-chloro-2-cyclopropyl-4-(trifluoromethyl)quinoline)	R106B0	F1L211(31-Mar-20)
1268706	Etodolac (400 mg)	R08360	G(31-Mar-20)
1268965	Eugenol (5 x 100 mg)	R045G0	F1J388(31-Mar-20)
1269243	Famotidine Related Compound D (25 mg) (3-[[2-(diaminomethyleneamino)thiazol-4-yl]methylthio]propanamide)	R10070	F1K058(31-Mar-20)
1270355	Ferrous Sulfate (2 x 1 g)	R114K0	R05970(31-Mar-20)
1274630	Flunixin Related Compound B (25 mg) (2-Methyl-3-(trifluoromethyl)aniline)	R108S0	F0M470(31-Mar-20)
1292507	Glipizide (125 mg)	R09020	H1H396(31-Mar-20)
1294820	Glutathione (300 mg)	R106J0	F0J340(31-Mar-20)
1301801	Guanethidine Monosulfate (200 mg)	R121X0	G0L530(31-Mar-20)
1311306	Homopolymer Polypropylene (3 Strips, 2" x 2 1/2" each)	F1C096	F0C096(31-Mar-20)
1313210	Hydrastine (10 mg)	R10610	F0E204(31-Mar-20)
1372005	L-Lysine Hydrochloride (200 mg)	R08330	R027F0(31-Mar-20)
1356698	Lactase (200 mg) (COLD SHIPMENT REQUIRED)	R099G0	R000N1(31-Mar-20)
1359437	Levetiracetam Related Compound B (20 mg) ((S)-2-aminobutanamide hydrochloride)	R099X0	R036T0(31-Mar-20)
1367570	Linezolid Related Compound A (20 mg) ((R)-5-(azidomethyl)-3-(3-fluoro-4-morpholinophenyl)oxazolidin-2-one)	R088N0	F0L496(31-Mar-20)

Catalog #	Description	Current Lot	Previous Lot
1370349	Lorazepam Related Compound C (25 mg) (6-Chloro-4-(o-chlorophenyl)-2-quinazolinecarboxaldehyde)	R09830	R011F0(31-Mar-20)
1392829	Mesna Related Compound B (50 mg) (2,2'-Disulfanediylbis(ethane-1-sulfonic acid), dipotassium salt, crystal adduct with sodium chloride)	F2I158	F1I158(31-Mar-20)
1394008	Mestranol (200 mg)	K2M025	K1M025(31-Mar-20)
1396150	Metaxalone Related Compound A (10 mg) (4-((3,5-dimethylphenoxy)methyl)imidazolidin-2-one)	R025X0	F0M061(31-Mar-20)
1445007	Mitotane (500 mg)	R103G0	H2L374(31-Mar-20)
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)
1463960	Nitazoxanide (200 mg)	R112D0	R03720(31-Mar-20)
1483163	Oxcarbazepine Related Compound A (10 mg) (N-Formyl-10-oxo-10,11-dihydro-5H-dibenzo[b,f]azepine-5-carboxamide)	F1K165	F0K165(31-Mar-20)
1485136	Oxybutynin Related Compound C (20 mg) (4-(ethylmethylamino)but-2-ynyl(+/-)-2-cyclohexyl-2-hydroxy-2-phenylacetate hydrochloride)	R10620	G0L250(31-Mar-20)
1501006	Penicillamine (200 mg)	R106F0	R07720(31-Mar-20)
1514008	Phenacetin Melting Point Standard (1 g) (Approximately 135 degrees)	R066A2	R066A0(31-Mar-20)
1535744	Phosphatidylethanolamine (100 mg) (INTERNATIONAL COLD CHAIN SHIPMENT REQUIRED)		R04381(31-Mar-20)
1547947	Polysorbate 60 (2 g)	R09110	F1K236(31-Mar-20)
1548407	Potassium Sorbate (1 g)	R030B1	R030B0(31-Mar-20)
1554603	Praziquantel (200 mg)	R108E0	H1J029(31-Mar-20)
1559505	Prednisone Tablets (30 tablets)	R080J0	R072M1(30-Mar-20)
1598813	Raspberry Ketone (100 mg) (4-(4-Hydroxyphenyl)butan-2-one)	F1I266	F0I266(31-Mar-20)
1601180	Residual Solvent Class 1 - 1,2-Dichloroethane (1.2 mL/ampule; 3 ampules)	R093F0	R07500(31-Mar-20)
1604654	Risperidone (100 mg)	R105G0	R019F0(31-Mar-20)
1607029	Saccharin Calcium (150 mg)	R120G0	F0F007(31-Mar-20)
1671468	Tolterodine S-Enantiomer (15 mg) ((S)-2-[3-(Diisopropylamino)-1-phenylpropyl]-4-methylphenol tartrate)	R09010	F025N0(31-Mar-20)
1672315	Torseamide Related Compound A (75 mg) (4-[(3-methylphenyl)amino]-3-pyridinesulfonamide)	R102V0	G0J125(31-Mar-20)
1672927	Tranlycypromine Related Compound B (40 mg) ((E)-3-Phenylallylamine hydrochloride)	R113S0	F0I250(31-Mar-20)
1700002	Trypsin Crystallized (300 mg) (COLD SHIPMENT REQUIRED)		J0L380(31-Mar-20)

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