



January 2016

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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dates; items that have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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.

An expanded list of [USP Reference Standards Under Development](#) has been posted to the USP website. The list includes new **USP Reference Standards that we expect to release within a year**. And, the list is updated four times per year; most recently in **October 2015**. A new list will be posted soon. The list can be sorted by calendar quarter, monograph name, compendium and more. The list can be sorted by Reference Standard category (impurity, small molecule, system suitability, etc).

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.

USP has expanded its **Donor Recognition Program** to further recognize contributors who participate in the standards-setting process and help make an impact on global health. Visit the [donor recognition page](#) to learn more.

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New Reference Standards Now Available

Catalog #	Description	Size	Lot	Price (USD)
1098071	Ceftiofur Hydrochloride	(100 mg)	F02500	\$764
1173279	Desogestrel Related Compound D	(25 mg)	F042B0	\$692
1269356	Febantel	(200 mg)	F033H0	\$222
1435014	Methylprednisolone Related Compound A	(25 mg)	F04710	\$692
1435036	Methylprednisolone Related Compound C	(25 mg)	F04750	\$692
1600303	Refined Bleached Shellac	(1 g)	F02310	\$222
1672053	p-Toluidine	(50 mg)	F036E0	\$692
1706712	Urea Related Compound A	(15 mg)	F045F0	\$692

Previously Out-of-Stock Items Now Available

Catalog #	Description	Size	Lot	Price (USD)
1012595	rAlbumin Human	(6 mg)	R04600	\$222
1045574	Azacitidine Related Compound C	(15 mg)	R02800	\$692
1295888	Glycyrrhizic Acid	(25 mg)	R043A0	\$692
1342106	Insulin Human	(100 mg)	R032L0	\$222
1356701	Lactose Monohydrate	(500 mg)	R045A0	\$222
1365000	Levothyroxine	(500 mg)	R016X1	\$222
1368008	Liothyronine	(250 mg)	O1L383	\$222
1373008	Mafenide Acetate	(200 mg)	R045N0	\$222
1672010	o-Toluenesulfonamide	(200 mg)	R037G0	\$346
1714528	Vinorelbine Related Compound A	(25 mg)	R03840	\$1072

Backorder Availability Estimates, January 11, 2016

Catalog #	Description	Expected Availability*
1095517	Carbidopa Related Compound A (25 mg)	Q2/16
1224700	Docusate Calcium (500 mg)	Q2/16
1226014	Doxycycline Related Compound A (10 mg)	Q2/16
1269119	FAME Standard Mixture (100 mg)	Q1/16
1396003	Metaraminol Bitartrate (200 mg)	Q2/16
1446600	Monosodium Glutamate (1 g)	Q1/16
1535788	Phosphatidylinositol (Soy) Sodium (10 mg)	Q1/16
1612426	Sesame Oil Related Compound B (6 mg/ampule; 3 ampules)	Q2/16
1673001	Travoprost (3 mL)	Q1/16
1711461	Verteporfin (200 mg)	Q1/16

*Dates are targets and may change at any time. Q1/16 January–March 2016; Q2/16 April–June 2016

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Items with New Package Size or New Description

Catalog #	Description	Old Size	New Size	Lot	Price (USD)
1692527	Trimethoprim Related Compound B *	(25 mg)	n/a	F1G010	\$692
1269979	Fentanyl Related Compound G CI **	(10 mg)	n/a	F0H407	\$692
1234307	Eicosapentaenoic Acid Ethyl Ester ***	(500 mg)	n/a	R023R0	\$600
1727009	Zolmitriptan	(150 mg)	(200 mg)	R02720	\$222
1463701	Nifedipine Nitrosophenylpyridine Analog ****	(25 mg)	n/a	R02230	\$692
1692516	Trimethoprim Related Compound A *	(25 mg)	n/a	F1G008	\$692
1224802	Docusate Sodium	(500 mg)	(1 g)	R030M0	\$222

*The description of this item has changed from being an AS to and RS

** The description of this item has changed from (Acetyl fentanyl) to (Acetyl fentanyl; N-(1-Phenethylpiperidin-4-yl)-N-phenylacetamide). **Also**, it is now a **CI** substance.

*** The description of this item has changed to include (all-cis-5,8,11,14,17-Eicosapentaenoic acid ethyl ester)

**** The description of this item has changed to include (Dimethyl 4-(2-nitrosophenyl)-2,6-dimethylpyridine-3,5-dicarboxylate)

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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.

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No Longer Valid as of December 2015				
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1021000	Aminocaproic Acid (200 mg)	I0M248	H0K201 (31-Dec-15)	\$222.00
1042634	Aripiprazole (200 mg)	R01490	F0L064 (31-Dec-15)	\$222.00
1157024	Cyclophosphamide Related Compound B (25 mg)	F1I381	F0I381 (31-Dec-15)	\$692.00
1157035	Cyclophosphamide Related Compound C (25 mg)	F1I382	F0I382 (31-Dec-15)	\$692.00
1157046	Cyclophosphamide Related Compound D (25 mg)	F1I375	F0I375 (31-Dec-15)	\$692.00
1179333	Dexmedetomidine Hydrochloride (200 mg)	R01590	F0M052 (31-Dec-15)	\$222.00
1181506	Diacetylated Monoglycerides (200 mg)	R024D1	G (31-Dec-15)	\$222.00
1237752	Eprinomectin (300 mg)	R009C0	F0H199 (31-Dec-15)	\$342.00
1311408	Homosalate (500 mg)	J0M309	I0L427 (31-Dec-15)	\$222.00
1351800	Isorhamnetin (15 mg)	R002P0	G0L371 (31-Dec-15)	\$243.00
1375069	Mangafodipir Trisodium (300 mg)	G0M032	F0D272 (31-Dec-15)	\$222.00
1445007	Mitotane (500 mg)	H2L374	H1L374 (31-Dec-15)	\$222.00
1445211	Mitoxantrone System Suitability Mixture (0.3 mg)	R03950	G0F107 (31-Dec-15)	\$712.00
1464001	Nitrofurantoin (500 mg)	K1I060	K0I060 (31-Dec-15)	\$222.00
1478312	Olanzapine Related Compound A (15 mg)	R014L0	G0K232 (31-Dec-15)	\$692.00
1559505	Prednisone Tablets (30 tablets)	R031Y0	R001B1 (31-Dec-15)	\$257.00
1566001	Prochlorperazine Maleate (200 mg)	R016Y0	H-1 (31-Dec-15)	\$222.00
1572547	Propofol Related Compound B (25 mg)	R02420	I1K250 (31-Dec-15)	\$692.00
1598201	Raloxifene Hydrochloride (200 mg)	R023Q0	F0G364 (31-Dec-15)	\$222.00
1598347	Ramipril Related Compound D (20 mg)	R002S0	F0E036 (31-Dec-15)	\$692.00
1604676	Risperidone Related Compounds Mixture (25 mg)	R013B0	F0J004 (31-Dec-15)	\$692.00
1609829	Saquinavir Mesylate (200 mg)	R00430	F0B008 (31-Dec-15)	\$222.00
1612426	Sesame Oil Related Compound B (6 mg/ampule; 3 ampules)		F1L480 (8-Dec-15)*	\$692.00
1616008	1,4-Sorbitan (300 mg)	R020Y0	J0F351 (31-Dec-15)	\$222.00
1642019	Sulindac Related Compound A (20 mg)	F1E314	F0E314 (31-Dec-15)	\$692.00
1642857	Tacrolimus System Suitability Mixture (10 mg)	F1J361	F0J361 (31-Dec-15)	\$808.00
1673828	Trenbolone Acetate CIII (200 mg)	R016B0	G0I045 (31-Dec-15)	\$235.00
1708773	Valsartan Related Compound A (10 mg)	R02460	I1L358 (31-Dec-15)	\$886.00

* Please note: Item 1612426 has a VUD of 8-Dec-2015

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No Longer Valid as of January 31, 2016				
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1031570	Amoxicillin Related Compound G (15 mg)	R019S0	FOJ278 (31-Jan-16)	\$692.00
1164700	Daunorubicin Hydrochloride (200 mg)	M1M099	M0I190 (31-Jan-16)	\$680.00
1197007	Diethyltoluamide (3 g)	R021J0	I0H013 (31-Jan-16)	\$222.00
1278302	Fluoroquinolonic Acid (150 mg)	H2H402	H1H402 (31-Jan-16)	\$692.00
1283415	Fosinopril Related Compound A (25 mg)	R003W0	F0G019 (31-Jan-16)	\$692.00
1296031	Glycopyrrolate Related Compound B (75 mg)	H0M349	G0L513 (31-Jan-16)	\$692.00
1335010	Hyoscyamine Related Compound A (10 mg)	R005K0	F0E250 (31-Jan-16)	\$692.00
1345002	lothalamic Acid (200 mg)	R03200	G (31-Jan-16)	\$222.00
1359801	Levobunolol Hydrochloride (200 mg)	H1E047	H0E047 (31-Jan-16)	\$222.00
1372005	L-Lysine Hydrochloride (200 mg)	R027F0	I1K037 (31-Jan-16)	\$222.00
1374907	Maltitol (200 mg)	R022L0	G1H293 (31-Jan-16)	\$222.00
1430327	Methyl Linoleate (5 x 50 mg)	R00930	G0D107 (31-Jan-16)	\$222.00
1612652	Simethicone (50 g)	M0M432	L0J395 (31-Jan-16)	\$222.00
1631500	Sulfamethoxazole N4-glucoside (25 mg)	R029X0	I0K227 (31-Jan-16)	\$692.00
1667290	Tiamulin Fumarate (250 mg)	G1J295	G0J295 (31-Jan-16)	\$222.00
1724532	Zidovudine Related Compound C (100 mg)	R01930	G0G181 (31-Jan-16)	\$692.00

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No Longer Valid as of February 29, 2016					
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date		Price (USD)
1012054	Acyclovir Related Compound F (50 mg)	F1M502	F0L515 (29-Feb-16)		\$692
1012939	Allantoin (200 mg)	G1H207	G0H207 (29-Feb-16)		\$222
1031401	Amoxapine (200 mg)	R000B0	G1D375 (29-Feb-16)		\$222
1045520	Azacitidine (150 mg)	R012Q0	F0L296 (29-Feb-16)		\$222
1046409	Open Ring Aztreonam (10 mg)	R014U0	H1K400 (29-Feb-16)		\$692
1075677	Bisotrizole (200 mg)	R010V0	F0F222 (29-Feb-16)		\$222
1162330	Dacarbazine Related Compound B (50 mg)	R01740	H0H274 (29-Feb-16)		\$854
1170000	Demeclocycline Hydrochloride (200 mg)	R024Q0	H2G314 (29-Feb-16)		\$222
1180503	Dextromethorphan (2 g)	I2F274	I1F274 (29-Feb-16)		\$692
1229410	Drospirenone Related Compound A (15 mg)	R02840	G0L263 (29-Feb-16)		\$692
1235274	Enalaprilat (300 mg)	R024A0	K0M476 (29-Feb-16)		\$176
1270402	Finasteride (200 mg)	R027L0	G0K072 (29-Feb-16)		\$222
1273808	Flumazenil (200 mg)	R02080	G0J035 (29-Feb-16)		\$1,108
1279000	Fluorouracil (250 mg)	R009T0	I0G371 (29-Feb-16)		\$222
1296009	Glycopyrrolate (200 mg)	R005V0	J0J363 (29-Feb-16)		\$222
1335417	Ibandronate Sodium (200 mg)	R013F0	G0L114 (29-Feb-16)		\$222
1335508	Ibuprofen (750 mg)	R024X0	K0J008 (29-Feb-16)		\$222
1357533	Latanoprost Related Compound E (25 mg)	R02900	F1M460 (29-Feb-16)		\$924
1367561	Linezolid (200 mg)	R02930	F0L495 (29-Feb-16)		\$222
1374601	Malic Acid (500 mg)	R00650	H0J074 (29-Feb-16)		\$222
1380513	Memantine Related Compound A (50 mg)	R022D0	G0M126 (29-Feb-16)		\$692
1380535	Memantine Related Compound C (50 mg)	R022E0	G0M215 (29-Feb-16)		\$692
1453504	Naltrexone (200 mg)	H2I265	H1I265 (29-Feb-16)		\$222
1478811	Orlistat Related Compound A (25 mg)	R000J0	F0G131 (29-Feb-16)		\$692
1483196	Oxcarbazepine Related Compound D (10 mg)	R006R0	F0L098 (29-Feb-16)		\$692
1551150	Potassium Sucrose Octasulfate (300 mg)	R026L0	J0H340 (29-Feb-16)		\$222
1562000	Primidone (200 mg)	H1D399	H0D399 (29-Feb-16)		\$222
1601601	Residual Solvent Class 2 - Hexane (1.2 mL/ampule; 3 ampules)	R015A0	G0K012 (29-Feb-16)		\$222

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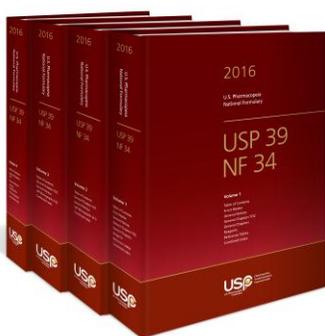
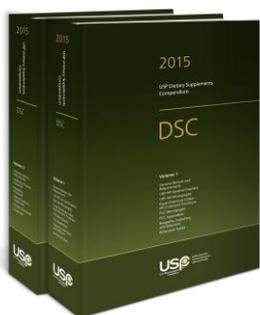
Items with New Lots

Catalog #	Description	Previous Lot/ Valid Use Date	Current Lot	Price (USD)
1000485	Abacavir Related Compounds Mixture (15 mg)	F0J094 (30-Nov-16)	R039P0	\$692
1012595	rAlbumin Human (6 mg)	G0M268 (31-Dec-16)	R04600	\$222
1042689	Aripiprazole Related Compound F (25 mg)	F0L068 (31-Dec-16)	R035L0	\$692
1045574	Azacitidine Related Compound C (15 mg)	F0L319 (31-Dec-16)	R02800	\$692
1084259	Butyraldehyde (3 x 1.2 mL)	F0L063 (31-Dec-16)	R013G0	\$222
1096655	Carvedilol Related Compound C (20 mg)	F0H151 (31-Dec-16)	R038F0	\$692
1102408	Cephapirin Benzathine (100 mg)	F (31-Dec-16)	F03081	\$222
1111001	Chlorhexidine (200 mg)	G0L171 (31-Dec-16)	R02190	\$222
1229828	Duloxetine Related Compound A (10 mg)	G0M093 (31-Dec-16)	G1M093	\$692
1234001	Edrophonium Chloride (200 mg)	H (31-Dec-16)	R03280	\$222
1269403	Fenbendazole (100 mg)	F (31-Dec-16)	R03700	\$692
1295888	Glycyrrhizic Acid (25 mg)	H0M322 (30-Nov-16)	R043A0	\$692
1316004	Hydrocortisone (200 mg)	N0F289 (31-Dec-16)	R038V0	\$222
1342106	Insulin Human (100 mg)	J0J250 (30-Nov-16)	R032L0	\$222
1354309	Ivermectin (200 mg)	H0I385 (31-Dec-16)	H1I385	\$222
1356701	Lactose Monohydrate (500 mg)	H1K036 (31-Dec-16)	R045A0	\$222
1365000	Levothyroxine (500 mg)	R016X0 (31-Mar-16)	R016X1	\$222
1368008	Liothyronine (250 mg)	O0L383 (31-Mar-16)	O1L383	\$222
1373008	Mafenide Acetate (200 mg)	G0L536 (31-Dec-16)	R045N0	\$222
1375025	Maltose Monohydrate (500 mg)	G0M059 (31-Dec-16)	R02870	\$222
1433008	Methylphenidate Hydrochloride CII (125 mg)	K0M063 (31-Dec-16)	R03510	\$235
1463701	Nifedipine Nitrosophenylpyridine Analog (25 mg)	K1F147 (31-Dec-16)	R02230	\$692
1587001	Pyridoxine Hydrochloride (200 mg)	Q1M498 (31-Dec-16)	R031S0	\$222
1597005	Quinine Sulfate (500 mg)	J0K293 (31-Dec-16)	J1K293	\$222
1612608	Silver Sulfadiazine (200 mg)	J1H366 (31-Dec-16)	R03500	\$222
1614501	Sodium Nitroprusside (500 mg)	I0L347 (31-Dec-16)	R034D0	\$222
1614807	Sodium Sulfate Anhydrous (1 g)	R00450 (31-Dec-16)	R029V0	\$222
1643565	Temozolomide Related Compound B (15 mg)	F0I322 (31-Jan-17)	F1I322	\$692
1672010	o-Toluenesulfonamide (200 mg)	F0E163 (31-Dec-16)	R037G0	\$346
1692516	Trimethoprim Related Compound A (25 mg)	F0G008 (31-Dec-16)	F1G008	\$692
1692527	Trimethoprim Related Compound B (25 mg)	F0G010 (31-Dec-16)	F1G010	\$692
1706698	Urea (200 mg)	G0J383 (31-Dec-16)	G1J383	\$222
1727009	Zolmitriptan (200 mg)	F0K147 (31-Jul-16)	R02720	\$222

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USP Publication Highlights

	<p>Be Prepared for Compliance in 2016—Order <i>USP 39–NF 34</i> Today! The 2016 edition of <i>USP–NF</i> is official May 1, 2016. Order today for access to important updates, including:</p> <ul style="list-style-type: none"> • 24 new or revised general chapters, including <661> Containers–Plastic, <711> Dissolution, <771> Ophthalmic Products—Quality Tests, and more! • More than 180 new or revised monographs for drug substances, drug products, excipients, and dietary supplements! <p>Available in 4-volume print, online, and USB flash drive formats. Subscribe today at http://www.usp.org/store/products-services/usp-nf 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>Pre-Order the <i>Food Chemicals Codex (FCC), Tenth Edition!</i> The <i>FCC, Tenth Edition</i> will publish on March 1st, 2016. It features more than 45 additional monographs including 8 on probiotics. Plus two new appendices, including one on microbial food cultures; an identity standard on pomegranate juice; and new general tests and assays. Step-by-step methods and helpful information for manufacturers, suppliers, and users of food ingredients are included. Two-year subscription includes a main edition plus three supplements that publish with updates every six months. Save \$100 with promotion code HWYEZZ25. 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).</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 HDWDZZ25. 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>

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Event Highlights

USP User Forums Coming to a City Near You!

The USP Account Management 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](#).

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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Compendial Highlights

[New Official Text](#)

RB Revision Bulletins

Nothing new this month

IRA IRAs

Nothing new this month

E [Access new USP–NF Errata](#)

H6 [New Stage 6 Notices](#)

Nothing new this month

[Compendial Notices](#)

Five New Notices of Intent to Revise:

[Aspartic Acid](#) (posted 18-Dec-2015)

[Corticotropin](#) (posted 18-Dec-2015)

[Levothyroxine Sodium Tablets](#) (18-Dec-2015)

[Liothyronine Sodium](#) (18-Dec-2015)

[Tamsulosin Hydrochloride](#) (18-Dec-2015)

General Announcements:

[General Notices and Requirements Page Updated](#) (18-Dec-2015)

[Cumulative List of USP–NF Revisions, Deferrals, and Cancellations](#) (posted 18-Dec-2015)

[Expert Committee Pages Updated](#) (18-Dec-2015)

[Pending Monographs Page Updated](#) (18-Dec-2015)

[Elemental Impurities Key Issues Page Updated](#) (10-Dec-2015)

Sign up to receive updates electronically at www.usp.org/store/free-resources/newsletter-and-information.

[Stimuli Articles](#)

Featured in *PF 42(1)* January-February 2016

The Advisability and Feasibility of Developing USP Standards for Medical Cannabis

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Tip of the Month

Did you know that the Table of Contents for *Pharmacopeial Forum* beginning with all of PF(41) is posted on our website at <http://www.usp.org/usp-nf/pharmacopeial-forum/pf-table-contents?>

Here, you can quickly look to see if any of your articles of interest are up for revision.

Question of the Month

Question:

Where can I download a list of all USP Reference Standards with item numbers, lot numbers and prices?

Answer:

USP recently launched a new [USP Reference Standards landing page](#). Here you will find links to downloadable Excel and PDF files listing details for current and previous lots of USP Reference Standards. These files are updated daily and are linked directly to the [USP Store](#) where you can find all necessary information about current Reference Standard lots, Safety Data Sheets, and Certificates and Valid Use Dates for previous lots.

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