



## EMAIL NOTICE

### April, 2018

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For all the latest information, visit [www.usp.org](http://www.usp.org)

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in the last month; backordered items with estimated availability dates; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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

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 <http://www.usp.org/products>.

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**New Reference Standards Now Available**

Catalog #	Description and Package Size	Lot	Price (USD)
1098570	Celecoxib Related Compound D (25 mg)	F083E0	\$795
1133558	Choline Fenofibrate (50 mg)	F088G0	\$400
1175784	Desvenlafaxine Related Compound A (25 mg)	F076C0	\$795
1234340	European Elder Berry Dry Extract	F076M0	\$160
1234453	Eletriptan Hydrobromide (200 mg)	F055W0	\$400

**Items with New Lots**

Catalog #	Description and Package Size	Current Lot	Previous Lot (Valid Use Date)	Price (USD)
1004001	Acetanilide Melting Point Standard (1g)	M2M285	M1M285 (31-Mar-19)	\$155
1012688	Alcohol Determination--Alcohol (5 mL/ampule; 5 ampules)	R05900	G0M024 (31-Oct-18)	\$265
1029501	Amlodipine Besylate (350 mg)	R09060	H0I102 (28-Feb-19)	\$230
1041926	Aprepitant Related Compound B (10 mg)	R086A0	F0K083 (28-Feb-19)	\$805
1045541	Azacitidine Related Compound B (15 mg)	R087P0	F0L164 (28-Feb-19)	\$730
1163140	Dantrolene (200 mg)	R08920	F0G120 (31-Dec-18)	\$240
1224562	Docetaxel Identification (50 mg)	R087M0	R008Q0 (28-Feb-19)	\$730
1224620	Docosahexaenoic Acid Ethyl Ester (500 mg)	R079D0	H0M544 (28-Feb-19)	\$540
1225500	Doxepin Hydrochloride (500 mg)	R080R0	J0M472 (31-Mar-19)	\$230
1285873	Fluticasone Propionate (100 mg)	R073Y0	H0L509 (28-Feb-19)	\$1,130
1286661	Fulvestrant System Suitability Mixture (30 mg)	R09150	R049J0 (31-Aug-18)	\$740
1304209	Heptane (1.2 mL/ampule; 3 ampules)	R052R0	G0K397 (31-Mar-19)	\$230
1335596	Ibuprofen Related Compound J (25 mg)	R09260	F03360 (31-Jan-19)	\$805
1340960	Inositol (500 mg)	R056F0	G0M192 (31-Mar-19)	\$255
1372050	Lysophosphatidylcholine (250 mg)	R089F0	H0M385 (28-Feb-19)	\$325
1396310	Metformin Related Compound A (30 mg)	R072Y0	I0M479 (28-Feb-19)	\$730
1396400	Methacrylic Acid and Methyl Methacrylate Copolymer (1:1) (200 mg)	R108V0	R008V0 (31-Mar-19)	\$265
1424109	Methyl Alcohol (3 x 1.5 mL)	R07490	H0M293 (28-Feb-19)	\$230
1570428	2-Propanol (1.2 mL/ampule; 3 ampules)	R048P0	I0L393 (31-Mar-19)	\$230
1604701	Ritodrine Hydrochloride (200 mg)	R062H0	H1G333 (31-Jan-19)	\$230



1622408	Stevioside (30 mg)	R082J0	F0I080 (31-Jan-19)	\$240
1667600	Alpha Tocopherol (250 mg)	R094X0	O0K291 (30-Nov-18)	\$230
1705006	L-Tyrosine (500 mg)	R08390	L0L199 (31-Mar-19)	\$230
1705334	Ubiquinol (5 x 50 mg)	R082D0	F012M0 (28-Feb-19)	\$200

### Previously Out-of-Stock Items Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1012688	Alcohol Determination--Alcohol (5 mL/ampule; 5 ampules)	R05900	\$265
1029501	Amlodipine Besylate (350 mg)	R09060	\$230
1041926	Aprepitant Related Compound B (10 mg)	R086A0	\$805
1045541	Azacitidine Related Compound B (15 mg)	R087P0	\$730
1163140	Dantrolene (200 mg)	R08920	\$240
1224562	Docetaxel Identification (50 mg)	R087M0	\$730
1224620	Docosahexaenoic Acid Ethyl Ester (500 mg)	R079D0	\$540
1286661	Fulvestrant System Suitability Mixture (30 mg)	R09150	\$740
1304209	Heptane (1.2 mL/ampule; 3 ampules)	R052R0	\$230
1335596	Ibuprofen Related Compound J (25 mg)	R09260	\$805
1340960	Inositol (500 mg)	R056F0	\$255
1372050	Lysophosphatidylcholine (250 mg)	R089F0	\$325
1424109	Methyl Alcohol (3 x 1.5 mL)	R07490	\$230
1604701	Ritodrine Hydrochloride (200 mg)	R062H0	\$230
1622408	Stevioside (30 mg)	R082J0	\$240
1667600	Alpha Tocopherol (250 mg)	R094X0	\$230
1705006	L-Tyrosine (500 mg)	R08390	\$230
1705334	Ubiquinol (5 x 50 mg)	R082D0	\$200

**Backorder Availability Estimates, March 27, 2018**

Catalog #	Description	Expected Availability*
1002811	Acetaldehyde (3 x 1.1 mL)	Q2/2018
1012112	S-Adenosyl-L-Homocysteine (50 mg)	Q2/2018
1013512	Almotriptan Malate (200 mg)	Q2/2018
1032007	Amphotericin B (125 mg)	Q2/2018
1033000	Ampicillin (200 mg)	Q2/2018
1044200	Astaxanthin (Synthetic) (3 x 30 mg)	Q2/2018
1051001	Benzalkonium Chloride (5 mL of approx. 10% aqueous solution)	Q3/2018
1078711	Buprenorphine Related Compound A CII (25 mg)	Q2/2018
1086301	Calcitriol (10 mg)	Q2/2018
1086866	Calcium (-)-Hydroxycitrate (150 mg)	Q2/2018
1098165	Ceftiofur Sodium Trihydrate (100 mg)	Q2/2018
1098504	Celecoxib (200 mg)	Q1/2019
1118000	Chloroquine Phosphate (500 mg)	Q2/2018
1125006	Chlorpromazine Hydrochloride (200 mg)	Q2/2018
1130527	Chlorzoxazone Related Compound A (50 mg)	Q2/2018
1134379	Clarithromycin (100 mg)	Q1/2018
1138507	Clocortolone Pivalate (200 mg)	Q2/2018
1145207	Cod Liver Oil (1 g)	Q2/2018
1150207	Cottonseed Oil (1 g)	Q2/2018
1157002	Cyclophosphamide (500 mg)	TBD
1170000	Demeclocycline Hydrochloride (200 mg)	Q2/2018
1219008	Diphenoxylate Hydrochloride CII (200 mg)	Q2/2018
1237509	Epitetracycline Hydrochloride (250 mg)	Q2/2018
1241550	Ergotamine (100 mg)	TBD
1257018	Ethambutol Related Compound A (15 mg)	TBD
1279826	Fluoxetine Related Compound B (5 mL of a 0.01N HCl Solution, approx. 2 mg/mL)	Q2/2018
1304377	Hesperidin (200 mg)	Q2/2018
1321004	Hydrocortisone Valerate (200 mg)	Q2/2018
1323021	Hydromorphone Related Compound A CII (10 mg)	Q2/2018
1325005	Hydroxyamphetamine Hydrobromide (200 mg)	Q2/2018
1338801	Indapamide (250 mg)	Q2/2018
1339000	Indigotindisulfonate Sodium (750 mg)	Q1/2018
1347507	Ipratropium Bromide (100 mg)	Q2/2018

1357533	Latanoprost Related Compound E (25 mg)	Q2/2018
1358503	Leuprolide Acetate (200 mg)	Q2/2018
1365021	Levothyroxine for Peak Identification (15 mg)	TBD
1379254	Melengestrol Acetate (125 mg)	Q2/2018
1379265	Melengestrol Acetate Related Compound A (25 mg)	Q2/2018
1396364	Methacholine Chloride (500 mg)	Q2/2018
1435003	Methylprednisolone (200 mg)	Q2/2018
1453504	Naltrexone (200 mg)	Q2/2018
1479315	Oseltamivir Related Compound A (10 mg)	Q2/2018
1494942	Pantoprazole Related Compound E (20 mg)	Q2/2018
1500262	Paroxetine Related Compound E Mixture (25 mg)	Q2/2018
1507002	Pentobarbital CII (200 mg)	Q2/2018
1522301	Pheniramine Maleate (150 mg)	Q2/2018
1530004	Phentolamine Mesylate (200 mg)	Q2/2018
1546445	Polyethylene Glycol 400 (1 g)	Q2/2018
1568506	L-Proline (200 mg)	Q2/2018
1601703	Residual Solvent Class 2 - N-Methylpyrrolidone (1.2 mL/ampule; 3 ampules)	TBD
1609603	Salmeterol Xinafoate (150 mg)	Q2/2018
1612007	Sennosides (500 mg)	Q2/2018
1612719	Tenivastatin Calcium (30 mg)	Q2/2018
1643340	Tartaric Acid (1 g)	Q2/2018
1647001	Testosterone Cypionate CIII (200 mg)	Q2/2018
1653004	Theophylline (200 mg)	Q2/2018
1667643	Tigecycline (300 mg)	Q3/2018
1673001	Travoprost (3 mL)	Q2/2018
1680685	Tributyl Phosphine Oxide (25 mg)	Q2/2018
1711031	Vasicine (20 mg)	Q2/2018
1711100	Vasopressin (1.70 mg)	Q2/2018
1714506	Vinorelbine Tartrate (200 mg)	Q2/2018
1722005	Xylose (1 g)	Q2/2018

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

**Items with New Package Size or New Description**

Catalog #	Description	Old Size	New Size	Lot	Price (USD)
N/A	None for this month	N/A	N/A	N/A	N/A

**RS Lots That are No Longer Valid**

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.

<b>No Longer Valid as of April 2018</b>				
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1000496	Abacavir Stereoisomers Mixture (15 mg)	R077N0	R044D0 (30-Apr-18)	\$805
1000500	Abacavir System Suitability Mixture (15 mg)	R066P0	F0J097 (30-Apr-18)	\$730
1012509	L-Alanine (200 mg)	R06030	H0M400 (30-Apr-18)	\$230
1016000	Alprostadil (25 mg)	R061F0	H1F110 (30-Apr-18)	\$2,240
1019756	Aminobenzoate Potassium (200 mg)	R065U0	F026H2 (30-Apr-18)	\$230
1019767	Aminobenzoate Sodium (200 mg)	R069S0	F (30-Apr-18)	\$230
1029512	Amlodipine Related Compound A (25 mg)	R059Q0	H0M312 (30-Apr-18)	\$730
1071213	Bicalutamide Related Compound A (25 mg)	F1E322	F0E322 (30-Apr-18)	\$730
1078573	Buspirone Related Compound A (75 mg x 2)	R07650	F015R0 (30-Apr-18)	\$805
1098209	Cefuroxime Sodium (200 mg)	R05330	I0I338 (30-Apr-18)	\$230
1102929	Cetirizine Hydrochloride (250 mg)	R059H0	G0L451 (30-Apr-18)	\$230
1134299	Citalopram Related Compound F (200 mg)	F2K331	F1K331 (30-Apr-18)	\$730
1138008	Clindamycin Phosphate (250 mg)	R06300	K0M017 (30-Apr-18)	\$315
1179504	Dexpanthenol (500 mg)	R057J0	K0I270 (30-Apr-18)	\$240
1180004	Dextroamphetamine Sulfate CII (500 mg)	R062C0	R004C0 (30-Apr-18)	\$320
1213001	Dinoprost Tromethamine (50 mg)	R071Q0	G0G082 (30-Apr-18)	\$2,240
1229883	Duloxetine Related Compound H (30 mg)	R076P0	R066U0 (30-Apr-18)	\$730
1229922	Dutasteride (200 mg)	R08870	F00710 (30-Apr-18)	\$320
1269119	FAME Standard Mixture (100 mg)	R060B0	R02730 (30-Apr-18)	\$225
1272907	Fludeoxyglucose (100 mg)	R060Q0	F0E100 (30-Apr-18)	\$285
1287325	Gabapentin Related Compound A (50 mg)	R057B0	R01130 (30-Apr-18)	\$730
1292631	Glipizide Related Compound C (15 mg)	R064B0	F0G050 (30-Apr-18)	\$730
1362136	Levofloxacin Related Compound C (25 mg)	R043U0	F0K204 (30-Apr-18)	\$730
1370338	Lorazepam Related Compound B (25 mg)	R054Q0	I0K255 (30-Apr-18)	\$730
1380105	Melatonin (150 mg)	R047K0	R026S0 (30-Apr-18)	\$215
1380116	Melatonin Related Compound A (15 mg)	R071F0	F0K240 (30-Apr-18)	\$730
1478323	Olanzapine Related Compound B (15 mg)	R055G0	R01420 (30-Apr-18)	\$805
1492244	Palonosetron Related Compound C (15 mg)	R08550	F02780 (30-Apr-18)	\$730



1535788	Phosphatidylinositol (Soy) Sodium (20 mg)	R080H0	R047X0 (30-Apr-18)	\$265
1576800	Propyl Gallate (200 mg)	R043H1	R043H0 (30-Apr-18)	\$265
1601500	Residual Solvent Class2N,N-Dimethylformamide mL/ampule; 3 ampules)	R04410	G0M480 (30-Apr-18)	\$230
1609024	Salicylic Acid Related Compound B (100 mg)	R066V0	F0F272 (30-Apr-18)	\$805
1613804	Sodium Chloride (1 g)	R047R0	I0L447 (30-Apr-18)	\$230
1614589	Sodium Picosulfate Related Compound A (20 mg)	R065L0	F0I228 (30-Apr-18)	\$730
1622000	Stearyl Alcohol (125 mg)	R02270	I1L185 (30-Apr-18)	\$205
1675007	Triacetin (1 g)	H2H083	H1H083 (30-Apr-18)	\$230
1676000	Triamcinolone (250 mg)	K1M290	K0M290 (30-Apr-18)	\$230
1686309	Trifluridine (100 mg)	R07710	H0K252 (30-Apr-18)	\$280
1707114	Uridine (30 mg)	F1K301	F0K301 (30-Apr-18)	\$260
1708707	Valproic Acid (500 mg)	R051T0	M0G249 (30-Apr-18)	\$4,230

## Now Available!

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**USP 41–NF 36 becomes official May 1, 2018**

The USP–NF is a combination of two compendia, the United States Pharmacopeia (USP) and the National Formulary (NF). It contains standards for medicines, dosage forms, drug substances, excipients, biologics, compounded preparations, medical devices, dietary supplements, and other therapeutics. The current version of USP–NF standards deemed official by USP are enforceable by the U.S. Food and Drug Administration for medicines manufactured and marketed in the United States.

Visit <http://www.usp.org/products> and select “buy now” under the icon of the USP–NF that you wish to order.



## USP–NF Flash Drive Product

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USP would like to inform you of some upcoming changes to the USP–NF Flash Drive product. These changes will become effective with the release of the USP41–NF36 Flash Drive product on November 1st, 2017.

**New product features will include:**

- Left-hand navigation panel with detailed bookmarks
- Search tool that works across the entire publication including Supplements
- No internet connection necessary to view or access PDF content

If you have any questions or concerns, please contact Trey White III, PhD, Senior Director, Documentary Standards [faw@usp.org](mailto:faw@usp.org).

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## Event Highlights

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### **USP User Forums Coming to a city near you!**

The USP Strategic Customer Development 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](mailto: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](#).

### **[Stakeholder Forums](#)**

Stakeholder Forums are your opportunity to hear about USP's plans for future standards and to get involved in the process. Attendance is free, and you can participate via WebEx, for more details click [here](#).


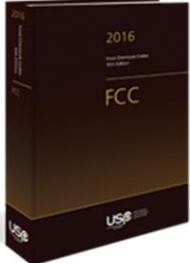
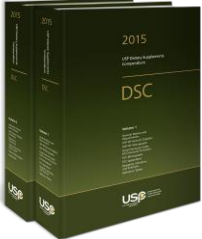

## USP Education

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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](http://Education.usp.org)

Sign up [here](#) to receive USP Education information.

## USP Publication Highlights

	<p><b>Be Prepared for Compliance—Order <i>USP41–NF 36</i> Today!</b>          The latest edition of <i>USP–NF</i> was published on November 1, 2017. Order today for access to important updates. English and Spanish Editions Available in print, online, and USB flash drive formats. Visit <a href="http://www.usp.org/products">http://www.usp.org/products</a> and select “buy now” under the icon of the <i>USP–NF</i> that you wish to order 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><b>New <i>Food Chemicals Codex (FCC) Online Platform</i></b>          The <i>FCC</i> is a collection of internationally recognized standards, methods and information that enables manufacturers and suppliers to verify the identity, quality, and purity of food ingredients including probiotics, prebiotics, sweeteners, colorants, flavors, and more. On September 1, USP launched a new enhanced <i>FCC</i> Online platform, featuring:</p> <ul style="list-style-type: none"> <li>• <b>Improved global search functionality</b></li> <li>• <b>Simplified navigation</b></li> <li>• <b>Personalized workspace</b></li> <li>• <b>New individual accounts</b></li> </ul> <p><b>Order now at <a href="#">order FCC</a></b> 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). <b>For a limited time, purchase the <i>FCC</i> and receive 20% off the <a href="#">Food Fraud Database</a>.</b> Discount cannot be combined with other offers or enterprise subscriptions</p>
	<p><b>2015 <i>Dietary Supplements Compendium (DSC)</i>:</b>          The <i>2015 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. <b>Save \$100 with promotion code HDWDZZ25. Order now at <a href="http://www.usp.org/store/products/dietary-supplements-compendium">http://www.usp.org/store/products/dietary-supplements-compendium</a></b> 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><b><i>USP39–NF34</i> Archive Available Now!</b> Complete content of previously-official <i>USP39–NF34</i> on one flash drive. 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. <b>Order now at <a href="http://www.uspnf.com/purchase-usp-nf/usp-nf-archive">http://www.uspnf.com/purchase-usp-nf/usp-nf-archive</a></b> 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>

## Champion for Quality—Partner with USP

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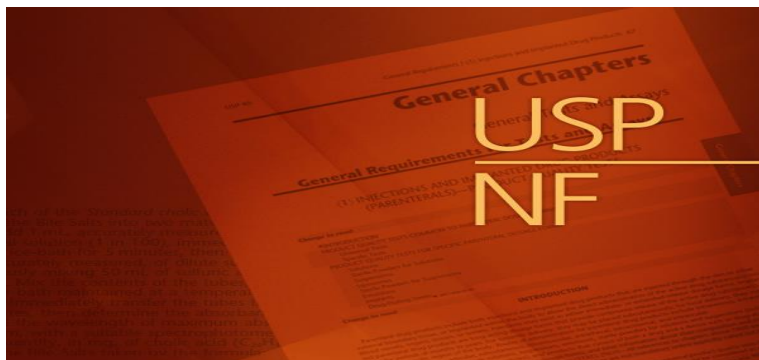
To ensure effective and high quality medicines, we are working hard to update and increase the number of new monographs in the *USP–NF*. But we can't do it alone. **We need partners like you.**

By partnering with us, you are helping to ensure greater availability of quality assured medicines, meeting FDA regulatory needs, and creating efficiencies in testing and compliance.

To learn more, contact Mike Goede at [myg@usp.org](mailto:myg@usp.org).

## Compendial Highlights

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USP creates and continuously revises USP–NF standards through a unique public–private collaborative process, which involves pharmaceutical scientists in industry, academia, and government as well as other interested parties from anywhere in the world. Go to [New Official Text](#) to access all information related to Revision Bulletins, Errata, IRAs, Stage 6 Notices, Compendial Notices and more.

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## [Stimuli Articles](#)

Stimuli Articles can be accessed for free at [www.usppf.com](http://www.usppf.com)

## Tip of the Month

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### The RS App is here to help!!

“USP Reference Standards valid date of use could change any given day. Which means that in order to stay in compliance you, every day before using the Reference Standard, will have to check its valid date of use”.

Now, USP makes it easier by sending you alerts at the precise moment a Reference Standard you use changed or you can use the barcode reader in the App to obtain the updated information of the Reference Standard straight out of the barcode on the vial label.

***Download the Reference Standard and Resources App in your phone or tablet and get updated information and alerts on the reference standards you select.***

## Question of the Month

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### **What is the purpose of a performing a blank Titration?**

The purpose of the blank titration is to account for any components in your reagents which could consume the titrant. It is possible that the level of these interfering components is low enough so as not to consume titrant at a measurable level, but you would know this without performing the blank titration.

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