



EMAIL NOTICE

January, 2018

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For all the latest information, visit 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in the last month; backordered items with estimated availability dates; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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) |
|-----------|---|--------|-------------|
| 1044990 | Atropine (50 mg) | F08340 | \$850 |
| 1065232 | Bendamustine Related Compound A (25 mg) | F070H0 | \$790 |
| 1065312 | Bendamustine Related Compound I (25 mg) | F070R0 | \$730 |
| 1269436 | Fenofibric Acid (250 mg) | F076G0 | \$350 |
| 1381083 | Menaquinone-4 (50 mg) | F07990 | \$230 |

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Items with New Lots

| Catalog # | Description and Package Size | Current Lot | Previous Lot (Valid Use Date) | Price (USD) |
|-----------|---|-------------|-------------------------------|-------------|
| 1012203 | Agnuside (25 mg) | R081S0 | F0D397 (11-Dec-17) | \$1,090 |
| 1091006 | Capreomycin Sulfate (250 mg) | R085W0 | H0H181 (31-Aug-18) | \$230 |
| 1224824 | Docosate Sodium Related Compound B (40 mg) | R075F0 | F0I194 (31-Jul-18) | \$730 |
| 1260023 | Ethinyl Estradiol Related Compound B (20 mg) | R068F0 | R03960 (30-Sep-18) | \$730 |
| 1269072 | Exemestane Related Compound B (15 mg) | R08410 | F0J315 (31-Dec-18) | \$730 |
| 1277252 | Fluoride Dentifrice: Sodium Fluoride/Silica (4.6 g) | R085P0 | L0J093 (31-Dec-18) | \$675 |
| 1286322 | Fosfomycin Tromethamine (800 mg) | R079E0 | F0J414 (31-Mar-18) | \$230 |
| 1356778 | Lamotrigine Related Compound B (20 mg) | R069M0 | F1M414 (30-Nov-18) | \$805 |
| 1356927 | Lansoprazole Related Compound A (25 mg) | R07130 | H0I193 (31-Oct-18) | \$805 |
| 1424244 | Methyl Caproate (3 x 100 mg) | R058W0 | G1M409 (30-Nov-18) | \$200 |
| 1431501 | Methyl Myristate (3 x 100 mg) | R056C0 | H0M269 (30-Nov-18) | \$200 |
| 1457844 | Near IR System Suitability (1 unit) | G1K264 | G0K264 (N/A) | \$2,450 |
| 1463971 | Nitazoxanide Related Compound A (25 mg) | F1J133 | F0J133 (30-Nov-18) | \$730 |
| 1475008 | Novobiocin (200 mg) | R07640 | H0D327 (31-May-17) | \$230 |
| 1478582 | Ondansetron Hydrochloride (300 mg) | R07740 | H0K424 (31-Dec-18) | \$305 |
| 1485191 | Oxycodone CII (200 mg) | L1K381 | L0K381 (30-Nov-18) | \$305 |
| 1502701 | Penicillin G Sodium (150 mg) | R082H0 | M0J423 (31-Dec-18) | \$230 |
| 1612517 | Sertraline Hydrochloride Racemic Mixture (30 mg) | R05470 | F0I050 (31-Dec-18) | \$730 |
| 1612801 | Sisomicin Sulfate (500 mg) | R06280 | J0M505 (31-Aug-18) | \$230 |
| 1613859 | Sodium Citrate (1 g) | R086N0 | G0M282 (30-Nov-18) | \$230 |
| 1642904 | Tagatose (200 mg) | R08160 | F0E017 (30-Nov-18) | \$300 |
| 1653117 | Theophylline Melting Point Standard (500 mg) | F2M305 | F1M305 (30-Nov-18) | \$155 |
| 1683606 | Triethyl Citrate (5 x 100 mg) | R07270 | H0K254 (30-Nov-18) | \$265 |

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Previously Out-of-Stock Items Now Available

| Catalog # | Description and Package Size | Lot | Price (USD) |
|-----------|--|--------|-------------|
| 1012203 | Agnuside (25 mg) | R081S0 | \$1,090 |
| 1041008 | Apomorphine Hydrochloride (250 mg) | R08440 | \$240 |
| 1091006 | Capreomycin Sulfate (250 mg) | R085W0 | \$230 |
| 1224824 | Docusate Sodium Related Compound B (40 mg) | R075F0 | \$730 |
| 1260023 | Ethinyl Estradiol Related Compound B (20 mg) | R068F0 | \$730 |
| 1286322 | Fosfomycin Tromethamine (800 mg) | R079E0 | \$230 |
| 1356778 | Lamotrigine Related Compound B (20 mg) | R069M0 | \$805 |
| 1356927 | Lansoprazole Related Compound A (25 mg) | R07130 | \$805 |
| 1463971 | Nitazoxanide Related Compound A (25 mg) | F1J133 | \$730 |
| 1475008 | Novobiocin (200 mg) | R07640 | \$230 |
| 1478582 | Ondansetron Hydrochloride (300 mg) | R07740 | \$305 |
| 1612801 | Sisomicin Sulfate (500 mg) | R06280 | \$230 |
| 1613859 | Sodium Citrate (1 g) | R086N0 | \$230 |
| 1642904 | Tagatose (200 mg) | R08160 | \$300 |
| 1653117 | Theophylline Melting Point Standard (500 mg) | F2M305 | \$155 |
| 1683606 | Triethyl Citrate (5 x 100 mg) | R07270 | \$265 |

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**Backorder Availability Estimates, December 26, 2017**

| Catalog # | Description | Expected Availability* |
|------------------|---|-------------------------------|
| 1396364 | Methacholine Chloride (500 mg) | Q1/2018 |
| 1002811 | Acetaldehyde (3 x 1.1 mL) | Q2/2018 |
| 1012688 | Alcohol Determination--Alcohol (5 mL/ampule; 5 ampules) | Q1/2018 |
| 1012768 | Alcohol (1.2 mL/ampule; 5 ampules) | Q1/2018 |
| 1041008 | Apomorphine Hydrochloride (250 mg) | Q1/2018 |
| 1045574 | Azacitidine Related Compound C (15 mg) | Q1/2018 |
| 1078711 | Buprenorphine Related Compound A CII (25 mg) | TBD |
| 1098173 | Ceftizoxime (350 mg) | Q1/2018 |
| 1118000 | Chloroquine Phosphate (500 mg) | Q1/2018 |
| 1131009 | Cholecalciferol (30 mg/ampule; 5 ampules) | Q1/2018 |
| 1138507 | Clocortolone Pivalate (200 mg) | Q1/2018 |
| 1219008 | Diphenoxylate Hydrochloride CII (200 mg) | TBD |
| 1225601 | Doxercalciferol (2 x 20 mg) | Q1/2018 |
| 1229922 | Dutasteride (200 mg) | Q1/2018 |
| 1235977 | Entecavir Related Compound A (15 mg) | Q1/2018 |
| 1237509 | Epitetracycline Hydrochloride (250 mg) | TBD |
| 1279826 | Fluoxetine Related Compound B | Q1/2018 |
| 1286661 | Fulvestrant System Suitability Mixture (30 mg) | Q1/2018 |
| 1304377 | Hesperidin (200 mg) | Q1/2018 |
| 1325005 | Hydroxyamphetamine Hydrobromide (200 mg) | Q1/2018 |
| 1362103 | Levofloxacin (200 mg) | Q1/2018 |
| 1368610 | Lisinopril Related Compound A (15 mg) | Q1/2018 |
| 1379265 | Melengestrol Acetate Related Compound A (25 mg) | Q2/2018 |
| 1426002 | Methyldopa (500 mg) | Q1/2018 |
| 1435003 | Methylprednisolone (200 mg) | Q1/2018 |
| 1479315 | Oseltamivir Related Compound A (10 mg) | Q1/2018 |
| 1487007 | Oxymetholone CIII (200 mg) | Q1/2018 |
| 1511000 | Perphenazine (200 mg) | Q1/2018 |
| 1535733 | Phosphatidylcholine (2 x 100 mg) | Q1/2018 |
| 1601703 | Residual Solvent Class 2 - N-Methylpyrrolidone (1.2 mL/ampule; 3 ampules) | TBD |
| 1612007 | Sennosides (500 mg) | Q1/2018 |
| 1612719 | Tenivastatin Calcium (30 mg) | Q1/2018 |
| 1612914 | Sitagliptin System Suitability Mixture (20 mg) | Q1/2018 |
| 1615107 | Sodium Thiosulfate (1 g) (AS) | Q1/2018 |

| | | |
|---------|--|---------|
| 1642019 | Sulindac Related Compound A (20 mg) | Q1/2018 |
| 1643463 | Terazosin Related Compound A (50 mg) | Q1/2018 |
| 1643656 | Tenofovir Disoproxil Fumarate (200 mg) | Q1/2018 |
| 1647001 | Testosterone Cypionate CIII (200 mg) | Q1/2018 |
| 1667600 | Alpha Tocopherol (250 mg) | Q2/2018 |
| 1667643 | Tigecycline (300 mg) | Q2/2018 |
| 1673012 | Travoprost Related Compound A (1.5 mL) | Q1/2018 |

*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.

| No Longer Valid as of January 2018 | | | | |
|------------------------------------|--|-------------|---------------------------------|-------------|
| Catalog # | Description | Current Lot | Previous Lot/ Valid Use Date | Price (USD) |
| 1012917 | Alfuzosin Hydrochloride (150 mg) | F1H162 | F0H162 (31-Jan-18) | \$315 |
| 1046023 | Azithromycin Related Compound H (15 mg) | R068K0 | F0J303 (31-Jan-18) | \$805 |
| 1071508 | Biotin (200 mg) | R04670 | J0L310 (31-Jan-18) | \$230 |
| 1133547 | Choline Chloride (500 mg) | R060C0 | H1J308 (31-Jan-18) | \$230 |
| 1134007 | Chymotrypsin (300 mg) | R060X0 | J0F105 (31-Jan-18) | \$265 |
| 1177032 | Dexamethasone Sodium Phosphate (500 mg) | R06110 | F0M447 (31-Jan-18) | \$230 |
| 1179763 | Dextran 70 System Suitability (100 mg) | R053S0 | G1J169 (31-Jan-18) | \$235 |
| 1179854 | Dextran 4 Calibration (100 mg) | R053U0 | G0M350 (31-Jan-18) | \$255 |
| 1188800 | Diclofenac Sodium (200 mg) | R038G0 | H2K051 (31-Jan-18) | \$230 |
| 1193265 | Diethylene Glycol (5 x 0.2 mL) | R05070 | G0J412 (31-Jan-18) | \$230 |
| 1219008 | Diphenoxylate Hydrochloride CII (200 mg) | | I1D339 (31-Jan-18) | \$305 |
| 1242010 | Erythromycin B (100 mg) | R05250 | R002J0 (31-Jan-18) | \$230 |
| 1269221 | Famotidine Related Compound B (25 mg) | R05620 | F0G182 (31-Jan-18) | \$805 |
| 1279826 | Fluoxetine Related Compound B | | G1I129 (31-Jan-18) | \$805 |
| 1285931 | Fluvastatin Sodium (2 x 350 mg) | R061P0 | I0K242 (31-Jan-18) | \$305 |
| 1298128 | Granisetron Related Compound B (15 mg) | R049V0 | F0G383 (31-Jan-18) | \$815 |
| 1327000 | Hydroxychloroquine Sulfate (200 mg) | R052K0 | K0G211 (31-Jan-18) | \$230 |
| 1353102 | Diluted Isosorbide Mononitrate (750 mg) | R055C0 | G0L461 (31-Jan-18) | \$230 |
| 1356315 | Ketorolac Related Compound A (20 mg) | R06430 | R00550 (31-Jan-18) | \$805 |

| | | | | |
|---------|---|--------|--------------------|-------|
| 1356950 | Lauroyl Polyoxylglycerides (500 mg) | R054X0 | R027W0 (31-Jan-18) | \$255 |
| 1358820 | Levalbuterol Related Compound D (30 mg) | R06500 | G0M302 (31-Jan-18) | \$805 |
| 1367699 | Linolenyl Alcohol (5 x 30 mg) | R057P0 | F0M525 (31-Jan-18) | \$235 |
| 1380535 | Memantine Related Compound C (50 mg) | R051F0 | R022E0 (31-Jan-18) | \$805 |
| 1430101 | Methyl Ethyl Ketone (1.2 mL/ampule; 3 ampules) | R063M0 | F0E194 (31-Jan-18) | \$230 |
| 1430203 | Methyl Isobutyl Ketone (1.2 mL/ampule; 3 ampules) | R039S0 | F0E195 (31-Jan-18) | \$230 |
| 1446600 | Monosodium Glutamate (500 mg) | R054W0 | F1D387 (31-Jan-18) | \$230 |
| 1457083 | Naphthalene (200 mg) | R050R0 | H0L124 (31-Jan-18) | \$265 |
| 1481000 | Oxacillin Sodium (200 mg) | R062U0 | K0K221 (31-Jan-18) | \$230 |
| 1510947 | Perindopril Related Compound F (10 mg) | R04590 | F0L129 (31-Jan-18) | \$805 |
| 1600824 | Repaglinide Related Compound A (10 mg) | R038L0 | I0M345 (31-Jan-18) | \$730 |
| 1604621 | Risedronate Related Compound A (20 mg) | R05260 | F0I072 (31-Jan-18) | \$730 |
| 1606503 | Rutin (100 mg) | R054J0 | H1I146 (31-Jan-18) | \$200 |
| 1623502 | Succinylcholine Chloride (500 mg) | R071N0 | I1M438 (31-Jan-18) | \$230 |
| 1642813 | Tacrolimus Related Compound A (15 mg) | R053N0 | G0M223 (31-Jan-18) | \$850 |
| 1643678 | Tenofovir Disoproxil Related Compound G (15 mg) | R062P0 | R038N0 (31-Jan-18) | \$805 |
| 1667585 | Titanium Dioxide (2 g) | R06130 | R038S0 (31-Jan-18) | \$230 |
| 1677002 | Triamcinolone Acetonide (500 mg) | R05160 | M0L442 (31-Jan-18) | \$230 |
| 1699333 | Trospium Chloride Related Compound C (20 mg) | F1J341 | F0J341 (31-Jan-18) | \$730 |
| 1724747 | Zinc Oxide (200 mg) | R04081 | R04080 (31-Jan-18) | \$230 |

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Now Official!

USP 40–NF 35 is official as of May, 2017

The latest version of the USP-NF was released on November 1, 2016. The USP 40–NF 35 features more than 4,900 monographs and over 300 general chapters. Changes include:

- 17 new or revised general chapters and more than 120 new and revised Reagents
- 154 new or revised monographs, including the first Global Health monograph for Chlorhexidine Gluconate Topical Gel
- Plus important changes to General Notices and Requirements



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

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.

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Showcasing...



Introducing the **USP Reference Standards and Resources APP**

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Event Highlights

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.

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](#).

Registration Now Open for:

[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](#).

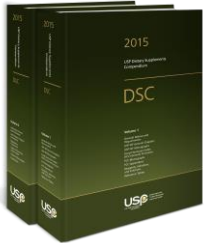
USP Education

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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USP Publication Highlights

| | |
|---|---|
|  | <p>Be Prepared for Compliance—Order <i>USP40–NF 35</i> Today! The latest edition of <i>USP–NF</i> was published on November 1, 2016. Order today for access to important updates, including:</p> <ul style="list-style-type: none"> • 17 new or revised general chapters, and more than 120 new and revised Reagents • 154 new or revised monographs for drug substances, drug products, excipients, and dietary supplements! <p>Available in print, online, and USB flash drive formats. Visit http://www.usp.org/products 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>New <i>Food Chemicals Codex (FCC) Online Platform</i> 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"> • Improved global search functionality • Simplified navigation • Personalized workspace • New individual accounts <p>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). For a limited time, purchase the <i>FCC</i> and receive 20% off the Food Fraud Database. Discount cannot be combined with other offers or enterprise subscriptions</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/store/products/dietary-supplements-compendium 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>USP38–NF33 Archive Available Now!</i> Complete content of previously-official <i>USP38–NF33</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. Order now at http://www.uspnf.com/purchase-usp-nf/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> |

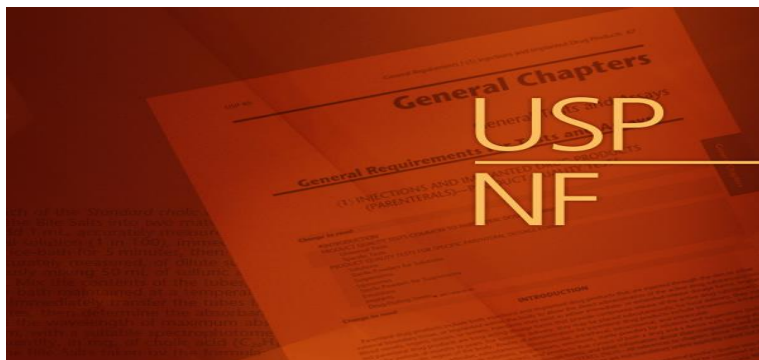
Champion for Quality—Partner with USP

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.

Compendial Highlights



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

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Tip of the Month

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.

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Question of the Month

What does the word “about” indicates?

.General Notices 8.20

About indicates a quantity within 10%.

If the measurement is stated to be “accurately measured” or “accurately weighted”, follow the statements in Volumetric Apparatus <31> and Balances <41> respectively.