



EMAIL NOTICE December, 2017

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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in the last month; backordered items with estimated availability dates; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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)
1145477	Coix Seed Oil Extract (2 x 1 g)	F07390	\$160
1254519	Estriol Related Compound A (25 mg)	F07960	\$730
1265739	1-Ethoxy-2-Methylpropane (3 x 0.2 mL)	F06690	\$275
1443668	Milnacipran Related Compound A (25 mg)	F075P0	\$730
1554104	Prasugrel Hydrochloride (150 mg)	F071R0	\$400

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Items with New Lots

Catalog #	Description and Package Size	Current Lot	Previous Lot (Valid Use Date)	Price (USD)
1013727	Aloin (25 mg)	R07800	F0M265 (31-Aug-18)	\$200
1086006	Caffeine Melting Point Standard (1 g)	K3M218	K2M218 (30-Nov-18)	\$155
1096994	Cefadroxil System Suitability Mixture (25 mg)	R074J0	F0M150 (30-Nov-18)	\$730
1147009	Colistimethate Sodium (200 mg)	R07870	H3J047 (31-Aug-18)	\$230
1151855	Curcumin (30 mg)	R080W0	F0H127 (30-Nov-18)	\$200
1158005	Cycloserine (250 mg)	R036V0	R010F0 (31-Oct-18)	\$230
1193301	Diethylene Glycol Monoethyl Ether (0.25 mL/amp)	R06790	G1I320 (30-Nov-18)	\$255
1213103	Dinoprostone (125 mg)	R037Y1	R037Y0 (30-Nov-18)	\$2,240
1223209	Allyl Disulfide (5 x 0.5 mL)	F1L062	F0L062 (30-Nov-18)	\$225
1224802	Docosate Sodium (1 g)	R069R0	R030M0 (30-Nov-18)	\$230
1255861	Eszopiclone Related Compound A (10 mg)	F1L285	F0L285 (30-Nov-18)	\$805
1272204	Fludarabine Phosphate (300 mg)	H1K220	H0K220 (30-Nov-18)	\$230
1286708	Fumaric Acid (200 mg)	R05520	H1E328 (30-Nov-18)	\$265
1296031	Glycopyrrolate Related Compound B (50 mg)	R088W0	H0M349 (31-Aug-18)	\$805
1335541	Ibuprofen Related Compound C (0.2 mL/ampule ampules)	R06930	G0K364 (30-Nov-18)	\$730
1356931	Lansoprazole Related Compound B (25 mg)	F2J371	F1J371 (31-Oct-18)	\$805
1368008	Liothyronine (250 mg)	R069P0	O1L383 (31-Oct-18)	\$230
1374601	Malic Acid (500 mg)	R00651	R00650 (31-Jul-18)	\$255
1375003	Maltol (500 mg)	G06251	G (30-Nov-18)	\$225
1375047	Maltotriose (500 mg)	R079A0	R06440 (30-Nov-18)	\$265
1411504	L-Methionine (200 mg)	R056J0	R022F0 (31-Oct-18)	\$265
1446804	Monostearyl Maleate (100 mg)	H1J012	H0J012 (30-Nov-18)	\$790
1457006	Naphazoline Hydrochloride (200 mg)	M1K405	M0K405 (31-Oct-18)	\$230
1463950	Nitrilotriacetic Acid (50 mg)	F1I315	F0I315 (30-Nov-18)	\$225
1467950	Nonoxynol 9 (0.5 mL)	R06910	H-1 (30-Sep-18)	\$230
1494501	Panthenol, Racemic (200 mg)	R058N0	H0H102 (31-Jul-18)	\$230
1510890	Perindopril Related Compound A (20 mg)	R08320	F0L105 (30-Jun-18)	\$850
1535766	Phosphatidylethanolamine (Soy) (50 mg)	R06570	F0L270 (31-Aug-18)	\$255
1546300	Polydimethylsiloxane (500 mg)	R067P0	J0L500 (30-Nov-18)	\$265
1546547	Polyethylene Glycol 3350 (1 g)	G2M445	G1M445 (31-Oct-18)	\$265
1548134	Potassium Bicarbonate (1 g)	R08040	F0D074 (31-Aug-18)	\$230
1559505	Prednisone Tablets (30 tablets)	R05991	R05990 (31-Dec-17)	\$285
1600121	Rebaudioside A (500 mg)	G1L011	G0L011 (16-Oct-17)	\$380



1601281	Residual Solvents Class 2 - Mixture A (1.2 mL/ampule; 3 ampules)	R058X0	I0K332 (30-Sep-18)	\$230
1601340	Residual Solvent Class 2 - Acetonitrile (1.2 mL/ampule; 3 ampules)	R046M0	G0H335 (31-Aug-18)	\$230
1612594	Sevoflurane Related Compound C (0.2 mL)	R077T0	G0J253 (30-Sep-18)	\$805
1612903	Sitagliptin Phosphate (200 mg)	R07630	F030N0 (30-Sep-18)	\$230
1615708	Somatropin (11.58 USP Somatropin Units/vial)	R07750	F0E191 (31-Oct-18)	\$290
1643554	Temozolomide Related Compound A (15 mg)	R081W0	F1M098 (30-Nov-18)	\$805
1667508	Tobramycin (350 mg)	R08010	M0M058 (30-Nov-18)	\$250
1680801	Trichlorfon (200 mg)	R081R0	F (31-Aug-18)	\$230
1685000	Trifluoperazine Hydrochloride (200 mg)	R07880	H0A010 (31-Aug-18)	\$230
1707806	Ursodiol (125 mg)	R085U0	H0H204 (31-Oct-18)	\$185
1709007	Vancomycin Hydrochloride (4 vials, each vial contains 98,800 mcg of vancomycin activity)	R07250	R027G0 (31-Jul-18)	\$230

Previously Out-of-Stock Items Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1086006	Caffeine Melting Point Standard (1 g)	K3M218	\$155
1147009	Colistimethate Sodium (200 mg)	R07870	\$230
1151855	Curcumin (30 mg)	R080W0	\$200
1158005	Cycloserine (250 mg)	R036V0	\$230
1223209	Allyl Disulfide (5 x 0.5 mL)	F1L062	\$225
1224802	Docusate Sodium (1 g)	R069R0	\$230
1255861	Eszopiclone Related Compound A (10 mg)	F1L285	\$805
1286708	Fumaric Acid (200 mg)	R05520	\$265
1296031	Glycopyrrolate Related Compound B (50 mg)	R088W0	\$805
1335541	Ibuprofen Related Compound C (0.2 mL/ampule; 3 ampules)	R06930	\$730
1356931	Lansoprazole Related Compound B (25 mg)	F2J371	\$805
1368008	Liothyronine (250 mg)	R069P0	\$230
1411504	L-Methionine (200 mg)	R056J0	\$265
1446804	Monostearyl Maleate (100 mg)	H1J012	\$790
1467950	Nonoxynol 9 (0.5 mL)	R06910	\$230
1494501	Panthenol, Racemic (200 mg)	R058N0	\$230
1510890	Perindopril Related Compound A (20 mg)	R08320	\$850
1535766	Phosphatidylethanolamine (Soy) (50 mg)	R06570	\$255
1546547	Polyethylene Glycol 3350 (1 g)	G2M445	\$265
1548134	Potassium Bicarbonate (1 g)	R08040	\$230
1600121	Rebaudioside A (500 mg)	G1L011	\$380
1601281	Residual Solvents Class 2 - Mixture A (1.2 mL/ampule; 3 ampules)	R058X0	\$230
1601340	Residual Solvent Class 2 - Acetonitrile (1.2 mL/ampule; 3 ampules)	R046M0	\$230



1612594	Sevoflurane Related Compound C (0.2 mL)	R077T0	\$805
1612903	Sitagliptin Phosphate (200 mg)	R07630	\$230
1615708	Somatropin (11.58 USP Somatropin Units/vial)	R07750	\$290
1685000	Trifluoperazine Hydrochloride (200 mg)	R07880	\$230
1707806	Ursodiol (125 mg)	R085U0	\$185
1709007	Vancomycin Hydrochloride	R07250	\$230
1680801	Trichlorfon (200 mg)	R081R0	\$230

Backorder Availability Estimates, November 28, 2017

Catalog #	Description	Expected Availability*
1002811	Acetaldehyde (3 x 1.1 mL)	Q1/2018
1012203	Agnuside (25 mg)	Q1/2018
1012688	Alcohol Determination--Alcohol (5 mL/ampule; 5 ampules)	Q1/2018
1012768	Alcohol (1.2 mL/ampule; 5 ampules)	Q1/2018
1078711	Buprenorphine Related Compound A CII (25 mg)	TBD
1091006	Capreomycin Sulfate (250 mg)	Q1/2018
1098173	Ceftizoxime (350 mg)	Q1/2018
1118000	Chloroquine Phosphate (500 mg)	Q1/2018
1138507	Clocortolone Pivalate (200 mg)	Q1/2018
1224824	Docusate Sodium Related Compound B (40 mg)	Q1/2018
1225601	Doxercalciferol (2 x 20 mg)	Q1/2018
1235977	Entecavir Related Compound A (15 mg)	Q1/2018
1260023	Ethinyl Estradiol Related Compound B (20 mg)	Q1/2018
1286322	Fosfomycin Tromethamine (800 mg)	Q1/2018
1286661	Fulvestrant System Suitability Mixture (30 mg)	Q1/2018
1304377	Hesperidin (200 mg)	Q1/2018
1325005	Hydroxyamphetamine Hydrobromide (200 mg)	Q1/2018
1356778	Lamotrigine Related Compound B (20 mg)	Q4/2017
1356927	Lansoprazole Related Compound A (25 mg)	Q1/2018
1368610	Lisinopril Related Compound A (15 mg)	Q1/2018
1396364	Methacholine Chloride (500 mg)	Q1/2018

1435003	Methylprednisolone (200 mg)	Q1/2018
1475008	Novobiocin (200 mg)	Q4/2017
1511000	Perphenazine (200 mg)	Q4/2017
1535733	Phosphatidylcholine (2 x 100 mg)	Q1/2018
1601703	Residual Solvent Class 2 - N-Methylpyrrolidone (1.2 mL/ampule; 3 ampules)	TBD
1612719	Tenivastatin Calcium (30 mg)	TBD
1612801	Sisomicin Sulfate (500 mg)	Q4/2017
1612914	Sitagliptin System Suitability Mixture (20 mg)	Q1/2018
1613859	Sodium Citrate (1 g)	Q4/2017
1642019	Sulindac Related Compound A (20 mg)	Q1/2018
1642904	Tagatose (200 mg)	Q1/2018
1643463	Terazosin Related Compound A (50 mg)	Q1/2018
1647001	Testosterone Cypionate CIII (200 mg)	Q1/2018
1667600	Alpha Tocopherol (250 mg)	Q1/2018
1667643	Tigecycline (300 mg)	Q1/2018
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

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**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.

No Longer Valid as of December 2017				
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1011732	Adapalene Related Compound C (25 mg)	R065K0	F0L078 (31-Dec-17)	\$730
1013002	Allopurinol (250 mg)	R05890	J0C186 (31-Dec-17)	\$230
1031547	Amoxicillin Related Compound D (50 mg)	R051S0	H0M291 (31-Dec-17)	\$805
1044582	Atorvastatin Related Compound H (20 mg)	R04610	G0M500 (31-Dec-17)	\$730
1045520	Azacitidine (150 mg)	R056T0	R012Q0 (31-Dec-17)	\$230
1055002	Benzoic Acid (300 mg)	R044Q0	H0L534 (31-Dec-17)	\$230
1065550	Betadex Sulfobutyl Ether Sodium (500 mg)	R057H0	F1K026 (31-Dec-17)	\$265
1078824	Buspirone Related Compound L (75 mg x 2)	R07610	F015U0 (31-Dec-17)	\$805
1083100	3-tert-Butyl-4-hydroxyanisole (200 mg)	R043W0	N0L032 (31-Dec-17)	\$265
1109000	Chlordiazepoxide CIV (200 mg)	I2M083	I1M083 (31-Dec-17)	\$305
1131960	Cholesterol (125 mg)	R062D0	F0M491 (31-Dec-17)	\$265
1134380	Clarithromycin Related Compound A (50 mg)	R070X0	H1H381 (31-Dec-17)	\$730
1163151	Dantrolene Sodium (100 mg)	R051P0	F0G156 (31-Dec-17)	\$240
1179800	Dextran Vo Marker (100 mg)	R07020	F0B242 (31-Dec-17)	\$265
1211006	Dimethyl Sulfoxide (3 g)	R056E0	H0D273 (31-Dec-17)	\$305
1225204	Dopamine Hydrochloride (200 mg)	R038X0	H0H456 (31-Dec-17)	\$230
1231808	Econazole Nitrate (250 mg)	R056L0	H1K380 (31-Dec-17)	\$230
1235966	Entecavir Monohydrate (200 mg)	R05700	F006H0 (31-Dec-17)	\$230
1268783	Etonogestrel (100 mg)	R061G0	F0M257 (31-Dec-17)	\$670
1269618	Fenofibrate Related Compound B (25 mg)	R044H0	R00630 (31-Dec-17)	\$805
1271722	Fluconazole Related Compound B (10 mg)	R05370	I0L387 (31-Dec-17)	\$730
1334006	Hydroxyzine Pamoate (500 mg)	R060P0	H0C016 (31-Dec-17)	\$230
1362169	Levofloxacin Related Compound F (25 mg)	R07210	F007V0 (31-Dec-17)	\$730
1379605	Mefenamic Acid (200 mg)	R038W0	G0C025 (31-Dec-17)	\$230
1409604	Methenamine Mandelate (200 mg)	R068C0	G0C304 (31-Dec-17)	\$230
1437009	Methylprednisolone Hemisuccinate (250 mg)	R052J0	J0L519 (31-Dec-17)	\$230
1463508	Nifedipine (125 mg)	R051Q0	L0J059 (31-Dec-17)	\$185
1463600	Nifedipine Nitrophenylpyridine Analog (25 mg)	R052Y0	R021S0 (31-Dec-17)	\$730
1494079	Pancreatin Lipase (2 g)	R05190	J0G363 (31-Dec-17)	\$280
1494909	Pantoprazole Related Compound A (25 mg)	R054G0	H1M230 (31-Dec-17)	\$730
1535722	Phosphatidic Acid (Soy) Monosodium (50 mg)	R060T0	F1L269 (31-Dec-17)	\$265
1559505	Prednisone Tablets (30 tablets)	R05991	R05990 (31-Dec-17)	\$285
1613407	Sodium Acetate (1 g)	F1D083	F0D083 (31-Dec-17)	\$230
1623003	Streptomycin Sulfate (200 mg)	R04210	J1H337 (31-Dec-17)	\$230
1623604	Succinylmonocholine Chloride (125 mg)	R05600	H0I36 4(31-Dec-17)	\$805



1635206	Sulfaquinoxaline (200 mg)	R078E0	FOA005 (31-Dec-17)	\$230
1642212	Sumatriptan Succinate Related Compound A (1 ([3-[2-(dimethylamino)ethyl]-2-[[3-[2- (dimethylamino)ethyl]-1H-indol-5-yl]methyl]-1H-i 5-yl]-N-methylmethanesulfonamide, succinate s	R06090	R037T0 (31-Dec-17)	\$935
1643361	Taurine (100 mg)	R006V1	R006V0 (31-Dec-17)	\$200
1705505	Undecylenic Acid (200 mg)	R06540	G2C018 (31-Dec-17)	\$230
1707839	Valacyclovir Hydrochloride (200 mg)	R053Q0	G0K421 (31-Dec-17)	\$230
1712012	Vigabatrin Related Compound A (50 mg)	R06650	F0K383 (31-Dec-17)	\$805

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Now Official!

Empowering a healthy tomorrow

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**

 USP RS Data.
Real-time Real Easy.



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To download and learn more go to
<http://www.usp.org/reference-standards-app>

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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.

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

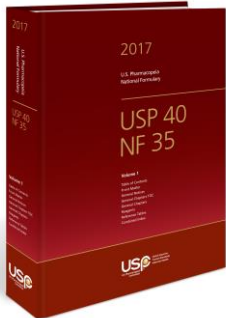
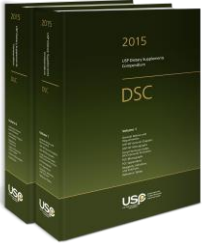
Stakeholder Forums are your opportunity to hear about USP's plans for future standards and to get involved in the process. Attendance is free, and you can participate via WebEx, for more details click [here](#).

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

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USP Publication Highlights

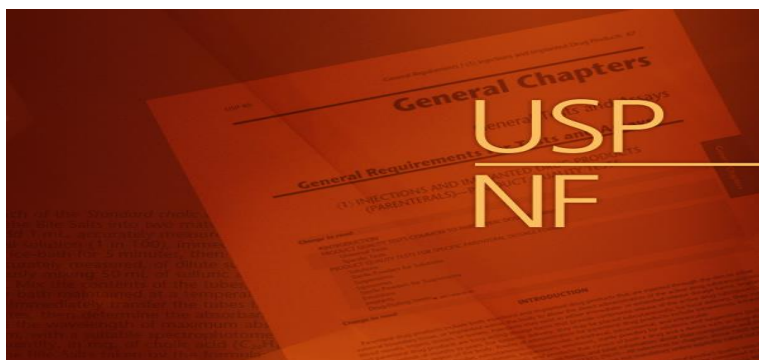
	<p>Be Prepared for Compliance—Order <i>USP40–NF 35</i> Today!</p> <p>The latest edition of <i>USP–NF</i> was published on November 1, 2016. Order today for access to important updates, including:</p> <ul style="list-style-type: none"> • 17 new or revised general chapters, and more than 120 new and revised 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></p> <p>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>:</p> <p>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. 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</i> Archive Available Now! 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>

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

If the monograph does not state nor point one towards the reagent section of the USP NF, how diluted acid solutions are prepared?

. If the monograph does not state nor point one towards the reagent section of the USP-NF, one prepares diluted acid solutions following the USP-NF General Notices

8.130. Percent

“Percent” used without qualification means:

- For mixtures of solids and semisolids, percent weight in weight;
- For solutions or suspensions of solids in liquids, percent weight in volume;
- For solutions of liquids in liquids, percent volume in volume;
- For solutions of gases in liquids, percent weight in volume.

For example, a 1 percent solution is prepared by dissolving 1 g of a solid or semisolid, or 1 mL of a liquid, in sufficient solvent to make 100 mL of the solution.