



EMAIL NOTICE October, 2017

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in the last month; backordered items with estimated availability dates; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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

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 <http://www.usp.org/new-reference-standards-notification>.

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New Reference Standards Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1686386	Triglycine (50 mg)	F077G0	\$230
1145411	Coffee Fruit Dry Extract (1 g)	F062V0	\$160
1235398	Enanthic Acid (100 mg)	F06950	\$575
1544916	Polyvinyl Chloride, Plasticized (3 Strips, 2" x 2 1/2" each)	F061L0	\$230
1086425	Calcium Citrate Malate (200 mg)	F078M0	\$230
1199308	Diglycine (glycylglycine) (50 mg)	F077F0	\$230
1065301	Bendamustine Related Compound H (25 mg)	F070Q0	\$730
1311500	Coagulation Factor VIIa (1.15 mg)	F04560	\$2,875

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Items with New Lots

Catalog #	Description and Package Size	Current Lot	Previous Lot (Valid Use Date)	Price (USD)
1046012	Azithromycin Identification Mixture (75 mg)	R07410	F0J232 (30-Sep-18)	\$730
1046205	Aztreonam (200 mg)	R08590	R041F0 (30-Sep-18)	\$230
1056504	1,4-Benzoquinone (200 mg)	R06860	I0L535 (30-Sep-18)	\$235
1093023	Carbamazepine Related Compound B (50 mg)	R058H0	F0G132 (31-Oct-18)	\$805
1096407	Carboplatin (100 mg)	R064P0	R01080 (31-Aug-18)	\$235
1098399	Silicified Microcrystalline Cellulose (1 g)	R07550	F0H401 (30-Sep-18)	\$265
1148806	Corn Oil (5 x 200 mg)	R073J0	G0L404 (31-Aug-18)	\$230
1151935	Cyanidin-3-O-glucoside Chloride (15 mg)	R078F0	F0H218 (31-Aug-18)	\$540
1161000	Cyproheptadine Hydrochloride (500 mg)	R072P0	H1L349 (30-Sep-18)	\$230
1162432	Daidzin (30 mg)	R081F0	F0H251 (31-Jul-18)	\$670
1193006	Diethylcarbamazine Citrate (200 mg)	R07950	G-1 (31-Aug-18)	\$230
1222002	Disodium Inosinate (500 mg)	G1J162	G0J162 (31-Jul-18)	\$225
1225306	Dorzolamide Related Compound D (30 mg)	R07660	R037V0 (30-Sep-18)	\$805
1229872	Duloxetine Related Compound F (10 mg)	R07970	R032W0 (31-Oct-18)	\$805
1269039	Ezetimibe System Suitability Mixture (20 mg)	R076M0	R042J0 (30-Sep-18)	\$730
1269403	Fenbendazole (100 mg)	R080T0	R03700 (31-Jul-18)	\$715
1269902	Fentanyl CII (100 mg)	R05790	F0H364 (31-Oct-18)	\$355
1288805	Genistin (30 mg)	R082V0	R06200 (31-Jul-18)	\$740
1308200	Hexylene Glycol (125 mg)	R07620	G (30-Sep-18)	\$255
1342037	Insulin Aspart (7.62 mg) (COLD SHIPMENT REQUIRED)	R085B0	F0L097 (31-May-18)	\$265
1356789	Lamotrigine Related Compound C (10 mg)	F3L329	F2L329 (30-Sep-18)	\$805
1395204	Metacresol (1 mL)	R02881	R02880 (31-Oct-18)	\$230
1448990	Myristic Acid (200 mg)	R06070	F0E120 (30-Jun-18)	\$255
1500659	Pemetrexed Disodium (100 mg)	F042E1	F042E0 (10-Oct-17)	\$230
1524806	Phenol (500 mg)	R06550	R019A0 (31-Aug-18)	\$230
1535802	Phosphoric Acid (1.5 mL/ampule; 3 ampules)	R059A0	F0D026 (30-Sep-18)	\$230
1546525	Polyethylene Glycol 3000 (1 g)	R078U0	F0F013 (31-Jul-18)	\$265
1570450	Propranolamine (100 mg)	R07260	F0I226 (30-Sep-18)	\$235
1572503	Propofol (500 mg)	R046S0	H0J279 (31-Oct-18)	\$230
1588004	Pyrilamine Maleate (200 mg)	R08220	I1H177 (30-Sep-18)	\$230
1601102	Residual Solvents Mixture - Class 1 (1.2 mL/am 3 ampules)	R053P0	G0K378 (31-Oct-18)	\$230
1603800	Rifabutin (50 mg)	R08560	H0I151 (31-Jul-18)	\$230

Previously Out-of-Stock Items Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1013727	Aloin (25 mg)	R07800	\$200
1046205	Aztreonam (200 mg)	R08590	\$230
1056504	1,4-Benzoquinone (200 mg)	R06860	\$235
1096407	Carboplatin (100 mg)	R064P0	\$235
1098399	Silicified Microcrystalline Cellulose (1 g)	R07550	\$265
1148806	Corn Oil (5 x 200 mg)	R073J0	\$230
1151935	Cyanidin-3-O-glucoside Chloride (15 mg)	R078F0	\$540
1161000	Cyproheptadine Hydrochloride (500 mg)	R072P0	\$230
1162432	Daidzin (30 mg)	R081F0	\$670
1193006	Diethylcarbamazine Citrate (200 mg)	R07950	\$230
1222002	Disodium Inosinate (500 mg)	G1J162	\$225
1225306	Dorzolamide Related Compound D (30 mg)	R07660	\$805
1269403	Fenbendazole (100 mg)	R080T0	\$715
1288805	Genistin (30 mg)	R082V0	\$740
1308200	Hexylene Glycol (125 mg)	R07620	\$255
1342037	Insulin Aspart (7.62 mg)	R085B0	\$265
1356789	Lamotrigine Related Compound C (10 mg)	F3L329	\$805
1448990	Myristic Acid (200 mg)	R06070	\$255
1478505	Omeprazole (200 mg)	R065N0	\$230
1500659	Pemetrexed Disodium (100 mg)	F042E1	\$230
1524806	Phenol (500 mg)	R06550	\$230
1535802	Phosphoric Acid (1.5 mL/ampule; 3 ampules)	R059A0	\$230
1546525	Polyethylene Glycol 3000 (1 g)	R078U0	\$265
1570450	Propanolamine (100 mg)	R07260	\$235
1588004	Pyrilamine Maleate (200 mg)	R08220	\$230
1601102	Residual Solvents Mixture - Class 1 (1.2 mL/ampule; 3 ampules)	R053P0	\$230
1603800	Rifabutin (50 mg)	R08560	\$230

**Backorder Availability Estimates, September 28, 2017**

Catalog #	Description	Expected Availability*
1012203	Agnuside (25 mg)	Q4/2017
1012688	Alcohol Determination--Alcohol (5 mL/ampule; 5 ampules)	Q1/2018
1012768	Alcohol (1.2 mL/ampule; 5 ampules)	Q1/2018
1013727	Aloin (25 mg)	Q4/2017
1091006	Capreomycin Sulfate (250 mg)	Q4/2017
1118000	Chloroquine Phosphate (500 mg)	Q4/2017
1138507	Clocortolone Pivalate (200 mg)	Q4/2017
1147009	Colistimethate Sodium (200 mg)	Q4/2017
1152009	Cyanocobalamin (5 x 300 mg) (Vitamin B12)	Q4/2017
1158005	Cycloserine (250 mg)	Q4/2017
1224824	Docusate Sodium Related Compound B (40 mg)	Q4/2017
1225601	Doxercalciferol (2 x 20 mg)	Q1/2018
1260023	Ethinyl Estradiol Related Compound B (20 mg)	Q4/2017
1286322	Fosfomycin Tromethamine (800 mg)	Q4/2017
1286661	Fulvestrant System Suitability Mixture (30 mg)	Q1/2018
1296031	Glycopyrrolate Related Compound B (75 mg)	Q4/2017
1356927	Lansoprazole Related Compound A (25 mg)	Q4/2017
1356931	Lansoprazole Related Compound B (25 mg)	Q4/2017
1396364	Methacholine Chloride (500 mg)	Q4/2017
1435003	Methylprednisolone (200 mg)	Q1/2018
1467950	Nonoxynol 9 (0.5 mL)	Q4/2017
1475008	Novobiocin (200 mg)	Q4/2017
1494501	Panthenol, Racemic (200 mg)	Q4/2017
1510890	Perindopril Related Compound A (20 mg)	Q4/2017
1524806	Phenol (500 mg)	Q4/2017
1535733	Phosphatidylcholine (2 x 100 mg)	Q4/2017
1535766	Phosphatidylethanolamine (Soy) (50 mg)	Q4/2017
1546525	Polyethylene Glycol 3000 (1 g)	Q4/2017
1548134	Potassium Bicarbonate (1 g) (AS)	Q4/2017
1600121	Rebaudioside A (500 mg)	Q4/2017
1601102	Residual Solvents Mixture - Class 1 (1.2 mL/ampule; 3 ampules)	Q4/2017
1601281	Residual Solvents Class 2 - Mixture A (1.2 mL/ampule; 3 ampules)	Q4/2017
1601340	Residual Solvent Class 2 - Acetonitrile (1.2 mL/ampule; 3 ampules)	Q4/2017

1612594	Sevoflurane Related Compound C (0.2 mL)	Q4/2017
1612801	Sisomicin Sulfate (500 mg)	Q4/2017
1612903	Sitagliptin Phosphate (200 mg)	Q4/2017
1612914	Sitagliptin System Suitability Mixture (20 mg)	Q4/2017
1615708	Somatropin (8.63 USP Somatropin Units/vial)	Q4/2017
1642019	Sulindac Related Compound A (20 mg)	Q1/2018
1673012	Travoprost Related Compound A (1.5 mL)	Q1/2018
1680801	Trichlorfon (200 mg)	Q4/2017
1685000	Trifluoperazine Hydrochloride (200 mg)	Q4/2017
1709007	Vancomycin Hydrochloride (4 vials, each vial contains 99,029 mcg of vancomycin activity)	Q4/2017

*Dates are targets and may change at any time. Q1/ 2017 January—March 2017, Q2/ 2017 April – June 2017, Q3- July –September, Q4- October -December

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 November 2017				
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1017502	Dried Aluminum Hydroxide Gel (200 mg)	R05580	H0M005 (30-Nov-17)	\$230
1042102	L-Arabinitol (250 mg)	R05730	F0E311 (30-Nov-17)	\$265
1075203	Bis(2-ethylhexyl)maleate (2 g)	R04300	H1K384 (30-Nov-17)	\$730
1090717	Capecitabine Related Compound A (15 mg)	R01540	H0L146 (30-Nov-17)	\$730
1093012	Carbamazepine Related Compound A (30 mg)	R045K0	H0K408 (30-Nov-17)	\$805
1096600	Carisoprodol CIV (1 g)	H2L295	H1L295 (30-Nov-17)	\$305
1097614	Cefdinir (300 mg)	R061W0	G0K367 (30-Nov-17)	\$230
1097705	Cefoperazone Dihydrate (200 mg)	R05230	I0K056 (30-Nov-17)	\$230
1134404	Clavam-2-carboxylate Potassium (4.7 micrograms)	L1L187	L0L186 (30-Nov-17)	\$805
1179333	Dexmedetomidine Hydrochloride (200 mg)	R04840	R01590 (30-Nov-17)	\$230
1179708	Dextran 40 (50 mg)	R067Q0	F0C247 (30-Nov-17)	\$280
1225292	Dorzolamide Hydrochloride Related Compound (mg)	R054K0	I0J226 (30-Nov-17)	\$805
1229883	Duloxetine Related Compound H (30 mg)	R076P0	R032X0 (30-Nov-17)	\$730
1265402	Ethyl Acetate (1.2 mL/ampule; 3 ampules)	R032S0	H0K396 (30-Nov-17)	\$225
1268003	Ethinodiol Diacetate (200 mg)	I2G236	I1G236 (30-Nov-17)	\$230
1268772	Metomidate Hydrochloride (50 mg)	F1J186	F0J186 (30-Nov-17)	\$230
1268808	Etoposide (300 mg)	R049U0	H1K394 (30-Nov-17)	\$230
1269607	Fenofibrate Related Compound A (25 mg)	R04400	F0F021 (30-Nov-17)	\$805
1283313	Foscarnet Related Compound B (10 mg)	R069F0	F0H254 (30-Nov-17)	\$730
1296029	Glycopyrrolate Related Compound A (50 mg)	F1K077	F0K077 (30-Nov-17)	\$805
1317007	Hydrocortisone Acetate (200 mg)	R044U0	L0L246 (30-Nov-17)	\$230
1344622	Iohexol Related Compound A (100 mg)	R04620	F-1 (30-Nov-17)	\$730
1349003	Isoflurane (1 mL)	R064L0	I0I115 (30-Nov-17)	\$230
1356665	Ketorolac Tromethamine (200 mg)	R04580	H0I305 (30-Nov-17)	\$230
1356847	Lamivudine Resolution Mixture A (10 mg)	R062W0	F1K002 (30-Nov-17)	\$730
1362158	Levofloxacin Related Compound E (25 mg)	R066Q0	F007U0 (30-Nov-17)	\$730
1367639	Linezolid R-Isomer (20 mg)	R05950	F019Q0 (30-Nov-17)	\$730
1370611	Lovastatin Related Compound A (20 mg)	R052X0	J1J060 (30-Nov-17)	\$775
1375182	Mannose (500 mg)	R058C0	F0G141 (30-Nov-17)	\$200
1377009	Meclizine Hydrochloride (500 mg)	R07820	K0K260 (30-Nov-17)	\$230
1380502	Memantine Hydrochloride (150 mg)	R044E0	R004U0 (30-Nov-17)	\$230
1443908	Milrinone (500 mg)	R050T0	I0J144 (30-Nov-17)	\$385
1446906	Morantel Tartrate (100 mg)	R066C0	F0D295 (30-Nov-17)	\$230
1448016	Morphine Related Compound A CI (20 mg)	F2M354	F0H436 (30-Nov-17)	\$730
1448027	Morphine Related Compound B CII (20 mg)	F2M359	F0H435 (30-Nov-17)	\$730
1478334	Olanzapine Related Compound C (5 mg)	R055F0	R016Q0 (30-Nov-17)	\$730



1478516	Omeprazole Related Compound A (15 mg)	R022U1	R022U0 (30-Nov-17)	\$730
1499403	Paricalcitol (10 mg)	R048Q0	J0L431 (30-Nov-17)	\$2,245
1500502	Particle Count Set (2 blanks and 2 suspensions)	R050A0	L0L142 (30-Nov-17)	\$770
1528501	Phentermine Hydrochloride CIV (200 mg)	R06050	H1G389 (30-Nov-17)	\$305
1535755	Phosphatidylcholine (Soy) (50 mg)	R060L0	F0L265 (30-Nov-17)	\$265
1545034	Plastic Additive 12 (100 mg)	R077W0	F037W0 (30-Nov-17)	\$230
1547007	Polymyxin B Sulfate (200 mg)	R046V0	N1M425 (30-Nov-17)	\$230
1604847	Rivastigmine Tartrate R-Isomer (20 mg)	F2M229	F1M229 (30-Nov-17)	\$805
1607040	Saccharin Sodium (100 mg)	R01871	R01870 (30-Nov-17)	\$230
1612540	Sevoflurane (1 mL)	R071C0	H1K268 (30-Nov-17)	\$230
1614512	Sodium Phenylbutyrate (200 mg)	F1M546	F0M546 (30-Nov-17)	\$230
1642857	Tacrolimus System Suitability Mixture (10 mg)	R053Y0	F1J361 (30-Nov-17)	\$850
1667520	Tinidazole (200 mg)	R047B0	G1I057 (30-Nov-17)	\$230
1719102	Warfarin Related Compound A (50 mg)	R055Q0	J1M055 (30-Nov-17)	\$235

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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.

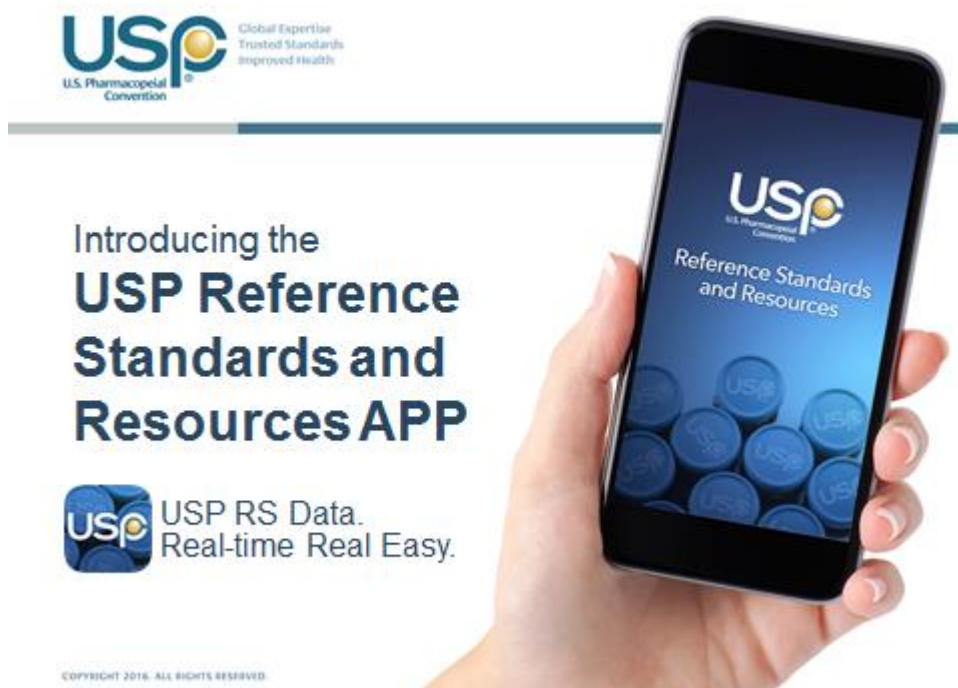
New product features will include:

- 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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Introducing the
**USP Reference
Standards and
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USP USP RS Data.
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A hand is shown holding a smartphone displaying the USP Reference Standards and Resources APP interface. The screen shows the USP logo, the text 'Reference Standards and Resources', and a grid of blue pill icons with the USP logo on them.

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<http://www.usp.org/reference-standards-app>

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.

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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:

[4th USP Workshop on Synthetic Therapeutic Peptides: Regulations, Standards and Quality](#)

November 6, 2017 - November 7, 2017

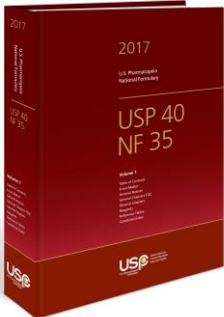
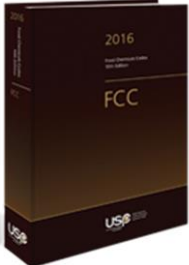
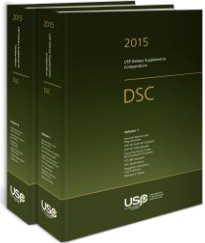

[Stakeholder Forums](#)

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.

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>

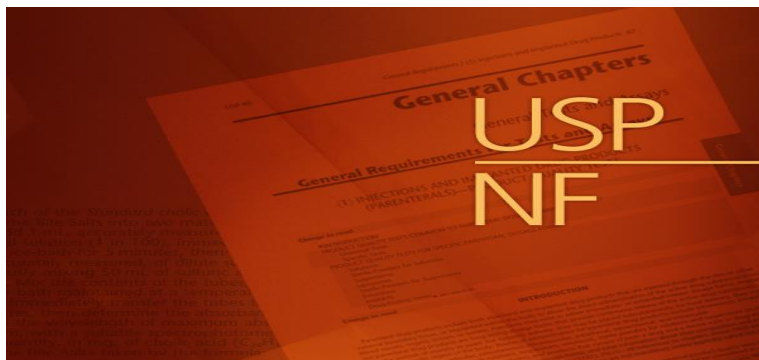
Champion for Quality—Partner with USP

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](#)

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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.

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Question of the Month

Are you supposed to use the molecular weight of potassium hydroxide in the result equation regardless of what titrant you use?

Yes, the Acid Value is the same for both potassium hydroxide and sodium hydroxide as it does not matter which alkali (potassium or sodium) solution is used. The calculation is based on the definition of the Acid Value which is stated as the number of mL of 0.1 N alkali required to neutralize the free acids in 10.0 g of substance. Now, forget the molecular weight for a moment. Since the formula yields results having units of equivalents/gram, one only needs to calculate per KOH to get the acid value. The normality of KOH and NaOH is the critical part of the solution, not if it is sodium or potassium.

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