



EMAIL NOTICE

March, 2018

Table of Contents

[Reference Standards Highlights](#)

- [New Reference Standards Now Available](#)
- [Items with New Lots](#)
- [Previously Out-of-Stock Items Now Available](#)
- [Backorder Availability Estimates, February 27, 2018,](#)
- [Items with New Package Size or Description](#)
- [RS Lots That Are No Longer Valid](#)

[USP Publication Highlights](#)

- [USP 41–NF 36](#)
- [New Food Chemicals Codex \(FCC\) Online Platform](#)
- [2015 Dietary Supplements Compendium](#)
- [USP–NF Archive](#)

[Now Available](#)

- [USP 41–NF 36](#)

[Event Highlights](#)

- [USP User Forums](#)
- [Workshops](#)

[USP Education](#)

- [Find Courses](#)
- [Sign Up for USP Education Information](#)

[Compendial Highlights](#)

- [New Official Text](#)
- [Stimuli Articles](#)

[Tip of the Month](#)

- [Download the Reference Standards App](#)

[Question of the Month](#)

Click on links to go to sections.

[USP Catalog](#)

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in the last month; backordered items with estimated availability dates; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.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

[Return to Table of Contents](#)

New Reference Standards Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1065243	Bendamustine Related Compound B	F070J0	\$790
1065298	Bendamustine Related Compound G (20 mg)	F070P0	\$730
1098537	Celecoxib Related Compound C (25 mg)	F083H0	\$795
1234475	Eletriptan Related Compound B (20 mg)	F045J0	\$730
1234522	Eletriptan S-Enantiomer	F055Y0	\$730
1472043	Norgestrel Related Compound L (25 mg)	F085Q0	\$730
1589029	Pyroglutamic Acid (30 mg)	F050B1	\$230

Items with New Lots

Catalog #	Description and Package Size	Current Lot	Previous Lot (Valid Use Date)	Price (USD)
1003027	Acetaminophen Related Compound B (30 mg)	R066W0	R012P0 (28-Feb-19)	\$730
1012768	Alcohol (1.2 mL/ampule; 5 ampules)	R087W0	G0L460 (31-Oct-18)	\$230
1041915	Aprepitant Related Compound A (10 mg)	R08690	F0K082 (31-Jan-19)	\$805
1050982	Benzalkonium Bromide (C12)	R085A0	F023U0 (31-Jan-19)	\$260
1084259	Butyraldehyde (3 x 1.2 mL)	R075V0	R013G0 (28-Feb-19)	\$265
1102805	Cephadrine (300 mg)	R084C0	J (28-Feb-19)	\$230
1134380	Clarithromycin Related Compound A (25 mg)	R08130	R070X0 (31-Jan-19)	\$730
1202005	Dihydroergotamine Mesylate (500 mg)	R08260	L0M289 (31-Jan-19)	\$230
1225419	Doxazosin Mesylate (200 mg)	R07510	H0L151 (28-Feb-19)	\$230
1229922	Dutasteride (200 mg)	R08870	R05800 (30-Nov-18)	\$320
1292325	Glimepiride Related Compound B (20 mg)	R072W0	R013X0 (28-Feb-19)	\$730
1295607	Glycerin (2 mL)	R069D0	R007A0 (31-Jan-19)	\$255
1295855	Glycitin (15 mg)	R08710	F0H235 (28-Feb-19)	\$530
1303013	Haloperidol Related Compound A (10 mg)	R064Q0	M1M227 (31-Jan-19)	\$805
1342059	Insulin Glargine (15.06 mg)	R075C0	F009M0 (28-Feb-19)	\$265
1362359	Levomethorphan Solution (3 x 1.2 mL)	R082P0	F046P0 (31-Jan-19)	\$305
1367561	Linezolid (200 mg)	R072F0	R02930 (28-Feb-19)	\$230
1546161	Poloxamer Solid (1 g)	R08300	R017Q0 (31-Jan-19)	\$265
1547925	Polysorbate 20 (2 g)	R079C0	R035M0 (31-Jan-19)	\$265
1598234	Raloxifene Related Compound C (20 mg)	R068X0	F0K186 (31-Jan-19)	\$730



1613509	Sodium Ascorbate (200 mg)	R086S0	H0G289 (28-Feb-19)	\$230
1614002	Sodium Fluoride (1 g)	R066Y0	J0L230 (31-Jan-19)	\$230
1614363	Sodium Lauryl Sulfate (1 g)	R070F1	R070F0 (31-Jan-19)	\$230
1615107	Sodium Thiosulfate (1 g)	R08240	F0D178 (30-Nov-18)	\$230
1642019	Sulindac Related Compound A (20 mg)	R090J0	F1E314 (31-Jul-18)	\$805
1642824	Tacrolimus 8-epimer (15 mg)	R08680	F034W0 (28-Feb-19)	\$935
1643463	Terazosin Related Compound A (50 mg)	R079G0	F0C245 (31-Oct-18)	\$730
1643656	Tenofovir Disoproxil Fumarate (200 mg)	R08290	G0M335 (31-Dec-18)	\$230
1663700	Thiostrepton (200 mg)	R087B0	H0J289 (31-Jan-19)	\$230

Previously Out-of-Stock Items Now Available

Catalog #	Description and Package Size	Lot	Price (USD)
1012768	Alcohol (1.2 mL/ampule; 5 ampules)	R087W0	\$230
1041915	Aprepitant Related Compound A (10 mg)	R08690	\$805
1045574	Azacitidine Related Compound C (15 mg)	R088Q0	\$805
1050982	Benzalkonium Bromide (C12) (150 mg)	R085A0	\$260
1077708	8-Bromotheophylline (400 mg)	R074H0	\$660
1084259	Butyraldehyde (3 x 1.2 mL)	R075V0	\$265
1098173	Ceftizoxime (350 mg)	R08000	\$230
1105315	Chicoric Acid (20 mg)	R08480	\$595
1134380	Clarithromycin Related Compound A (25 mg)	R08130	\$730
1202005	Dihydroergotamine Mesylate (500 mg)	R08260	\$230
1225419	Doxazosin Mesylate (200 mg)	R07510	\$230
1229922	Dutasteride (200 mg)	R08870	\$320
1295607	Glycerin (2 mL)	R069D0	\$255
1303013	Haloperidol Related Compound A (10 mg)	R064Q0	\$805
1362359	Levomethorphan Solution (3 x 1.2 mL)	R082P0	\$305
1411016	Methimazole Related Compound A (3 x 50 mg)	R08140	\$805
1546161	Poloxamer Solid (1 g)	R08300	\$265
1612652	Simethicone (50 g)	R08230	\$230
1614002	Sodium Fluoride (1 g)	R066Y0	\$230
1614363	Sodium Lauryl Sulfate (1 g)	R070F1	\$230
1615107	Sodium Thiosulfate (1 g)	R08240	\$230
1642019	Sulindac Related Compound A (20 mg)	R090J0	\$805
1642824	Tacrolimus 8-epimer (15 mg)	R08680	\$935
1643419	Telmisartan (200 mg)	R085R0	\$230
1643463	Terazosin Related Compound A (50 mg)	R079G0	\$730
1643656	Tenofovir Disoproxil Fumarate (200 mg)	R08290	\$230
1663700	Thiostrepton (200 mg)	R087B0	\$230

[Return to Table of Contents](#)

Backorder Availability Estimates, December 26, 2017

Catalog #	Description	Expected Availability*
1002811	Acetaldehyde (3 x 1.1 mL)	Q2/2018
1012112	S-Adenosyl-L-Homocysteine (50 mg)	Q2/2018
1012688	Alcohol Determination--Alcohol (5 mL/ampule; 5 ampules)	Q1/2018
1013512	Almotriptan Malate (200 mg)	Q2/2018
1029501	Amlodipine Besylate (350 mg)	Q1/2018
1033000	Ampicillin (200 mg)	Q2/2018
1041926	Aprepitant Related Compound B (10 mg)	Q2/2018
1044200	Astaxanthin (Synthetic) (3 x 30 mg)	Q2/2018
1045541	Azacitidine Related Compound B (15 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)	Q1/2018
1118000	Chloroquine Phosphate (500 mg)	Q2/2018
1125006	Chlorpromazine Hydrochloride (200 mg)	Q2/2018
1130527	Chlorzoxazone Related Compound A (50 mg)	Q2/2018
1138507	Clocortolone Pivalate (200 mg)	Q1/2018
1150207	Cottonseed Oil (1 g)	Q2/2018
1163140	Dantrolene (200 mg)	Q1/2018
1219008	Diphenoxylate Hydrochloride CII (200 mg)	Q2/2018
1224562	Docetaxel Identification (50 mg)	Q1/2018
1224620	Docosahexaenoic Acid Ethyl Ester (500 mg)	Q1/2018
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
1286661	Fulvestrant System Suitability Mixture (30 mg)	Q1/2018
1304377	Hesperidin (200 mg)	Q2/2018
1325005	Hydroxyamphetamine Hydrobromide (200 mg)	Q2/2018
1335596	Ibuprofen Related Compound J (25 mg)	Q1/2018
1339000	Indigotindisulfonate Sodium (750 mg)	Q1/2018
1357533	Latanoprost Related Compound E (25 mg)	Q2/2018
1372050	Lysophosphatidylcholine (250 mg)	Q1/2018
1379254	Melengestrol Acetate (125 mg)	Q2/2018
1379265	Melengestrol Acetate Related Compound A (25 mg)	Q2/2018



1396364	Methacholine Chloride (500 mg)	Q2/2018
1424109	Methyl Alcohol (3 x 1.5 mL)	Q1/2018
1435003	Methylprednisolone (200 mg)	Q2/2018
1453504	Naltrexone (200 mg)	Q2/2018
1479315	Oseltamivir Related Compound A (10 mg)	Q2/2018
1507002	Pentobarbital CII (200 mg)	Q2/2018
1546445	Polyethylene Glycol 400 (1 g)	Q2/2018
1601703	Residual Solvent Class 2 - N-Methylpyrrolidone (1.2 mL/ampule; 3 ampules)	TBD
1604701	Ritodrine Hydrochloride (200 mg)	Q1/2018
1609603	Salmeterol Xinafoate (150 mg)	Q1/2018
1612007	Sennosides (500 mg)	Q2/2018
1612719	Tenivastatin Calcium (30 mg)	TBD
1622408	Stevioside (30 mg)	Q1/2018
1643340	Tartaric Acid (1 g)	Q2/2018
1647001	Testosterone Cypionate CIII (200 mg)	Q2/2018
1667600	Alpha Tocopherol (250 mg)	Q2/2018
1667643	Tigecycline (300 mg)	Q3/2018
1673001	Travoprost (3 mL)	Q2/2018
1680685	Tributyl Phosphine Oxide (25 mg)	Q2/2018
1705334	Ubiquinol (5 x 50 mg)	Q1/2018
1711031	Vasicine (20 mg)	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)
1598234	Raloxifene Related Compound C (20 mg)*	20 mg	20 mg	R068X0	\$730

* Chemical Name Changed

[Return to Table of Contents](#)

**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 March 2018				
Catalog #	Description	Current Lot	Previous Lot/ Valid Use Date	Price (USD)
1011743	Adapalene Related Compound D (25 mg)	R07140	F0L079 (31-Mar-18)	\$805
1012190	Adipic Acid (100 mg)	F1D318	F0D318 (31-Mar-18)	\$255
1027357	Amiodarone Related Compound E (25 mg)	R069Y0	F1I150 (31-Mar-18)	\$805
1042408	Argatroban (350 mg)	R057G0	F0M506 (31-Mar-18)	\$815
1076363	Brinzolamide (200 mg)	R054D0	G0K216 (31-Mar-18)	\$230
1076374	Brinzolamide Related Compound A (50 mg)	R07700	F0C033 (31-Mar-18)	\$805
1097691	Cefepime Related Compound E (20 mg)	R064A0	F0L020 (31-Mar-18)	\$805
1130527	Chlorzoxazone Related Compound A (50 mg)		H0G336 (31-Mar-18)	\$805
1133004	Cholestyramine Resin (500 mg)	R06850	J0J386 (31-Mar-18)	\$185
1134030	Ciclopirox Olamine (125 mg)	R057S0	J0L408 (31-Mar-18)	\$185
1157002	Cyclophosphamide (500 mg)	R075X0	R01530 (31-Mar-18)	\$185
1166116	Deflazacort (100 mg)	F1L473	F0L473 (31-Mar-18)	\$230
1224992	Donepezil Related Compound A (25 mg)	R066H0	G0K187 (31-Mar-18)	\$805
1237752	Eprinomectin (300 mg)	R051V0	R009C0 (31-Mar-18)	\$355
1269232	Famotidine Related Compound C (25 mg)	F1K160	F0K160 (31-Mar-18)	\$805
1269254	Famotidine Related Compound E (25 mg)	F1K059	F0K059 (31-Mar-18)	\$805
1269265	Famotidine Related Compound F (25 mg)	F1K060	F0K060 (31-Mar-18)	\$805
1270005	Fentanyl Citrate CII (100 mg)	M1L328	M0L328 (31-Mar-18)	\$355
1271711	Fluconazole Related Compound A (10 mg)	R05480	I0M038 (31-Mar-18)	\$805
1286322	Fosfomycin Tromethamine (800 mg)	R079E0	F0J414 (31-Mar-18)	\$230
1288317	Ganciclovir Related Compound A (15 mg)	R05590	G1L421 (31-Mar-18)	\$1,030
1298117	Granisetron Related Compound A (15 mg)	R05490	F0G382 (31-Mar-18)	\$815
1315012	Hydrocodone Related Compound A CII (70 mg)	R031R0	G0M030 (31-Mar-18)	\$850
1354900	Kaempferol (15 mg)	R06120	R015X0 (31-Mar-18)	\$220
1358004	Leucovorin Calcium (500 mg)	R063P0	K1K334 (31-Mar-18)	\$240
1370270	Loratadine (200 mg)	R052U0	H0H450 (31-Mar-18)	\$385
1395500	Metaproterenol Sulfate (200 mg)	R064K0	F-3 (31-Mar-18)	\$230
1457403	Naproxen Sodium (200 mg)	R04290	J1H092 (31-Mar-18)	\$230
1478312	Olanzapine Related Compound A (15 mg)	R053W0	R014L0 (31-Mar-18)	\$730
1546285	Polydextrose (200 mg)	F1J052	F0J052 (31-Mar-18)	\$265
1548065	Polyvinyl Alcohol (100 mg)	F1H039	F0H039 (31-Mar-18)	\$255
1548280	Potassium Iodide (1 g)	R030W0	F0D078 (31-Mar-18)	\$230
1555005	Prednisolone (200 mg)	R052D0	N1J277 (31-Mar-18)	\$230
1581005	Pseudoephedrine Hydrochloride (125 mg)	R068Y0	J3K305 (31-Mar-18)	\$185
1604869	Rivastigmine Related Compound A (15 mg)	R045X0	F1M007 (31-Mar-18)	\$730
1610001	Scopolamine Hydrobromide (500 mg)	L1M054	L0M054 (31-Mar-18)	\$230
1642223	Sumatriptan Succinate Related Compound C (5	G1L389	G0L389 (31-Mar-18)	\$935
1699005	Tropicamide (200 mg)	R08120	R00350 (31-Mar-18)	\$185

1699300	Tropium Chloride (100 mg)	R059S0	G0M391 (31-Mar-18)	\$230
1704003	Tyloxapol (200 mg)	R059K0	J0J220 (31-Mar-18)	\$230
1711406	Verapamil Related Compound B (50 mg)	R063V0	H0H120 (31-Mar-18)	\$805
1722005	Xylose (1 g)	R073K0	F1G143 (31-Mar-18)	\$230

Now Available!



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

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.



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](#).


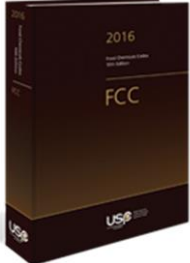
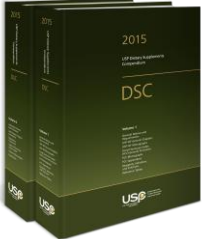

USP Education

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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[Return to Table of Contents](#)

USP Publication Highlights

	<p>Be Prepared for Compliance—Order <i>USP41–NF 36</i> Today! 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 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 <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>USP39–NF34</i> Archive Available Now! 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. 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>

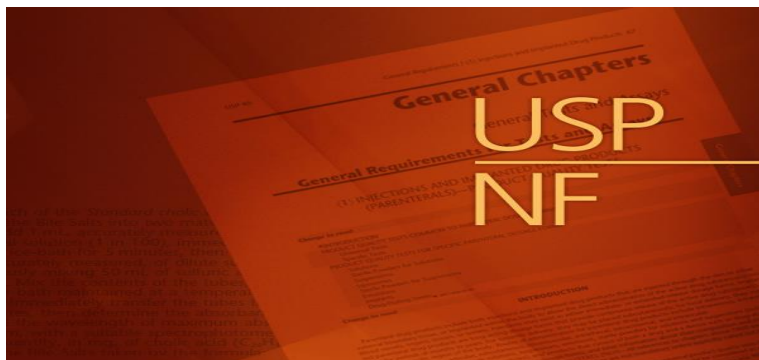
Champion for Quality—Partner with USP

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.

[Return to Table of Contents](#)

[Stimuli Articles](#)

Stimuli Articles can be accessed for free at www.usppf.com

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.

Question of the Month

Are all tests in a Monograph required?

4.10.10. Applicability of Test Procedures

A single monograph may include more than one test, procedure, and/or acceptance criterion for the same attribute. Unless otherwise specified in the monograph, all tests are requirements. In some cases, monograph instructions allow the selection of tests that reflect attributes of different manufacturers' articles, such as different polymorphic forms, impurities, hydrates, and dissolution. Monograph instructions indicate the tests, procedures, and/or acceptance criteria to be used and the required labeling.

The order in which the tests are listed in the monograph is based on the order in which they are approved by the relevant Expert Committee for inclusion in the monograph. Test 1 is not necessarily the test for the innovator or for the reference product. Depending on monograph instructions, a labeling statement is not typically required if Test 1 is used.

[Return to Table of Contents](#)