



July 2008



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Click on links to go to sections.

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 June 2008; backordered items with estimated availability dates; items that have been discontinued/have a new price and/or have a new package size; items with lots that are (or soon will be) no longer valid; and items with new lots since the last email notice.

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 [www.usp.org/products](http://www.usp.org/products).

## Announcing the New USP Online Catalog

Please go to [www.uspcatalog.com](http://www.uspcatalog.com) to check out the new interactive catalog. There are many new features and a tutorial is included on how to use the catalog. You may use your USP Store Login ID and Password to place orders from the new catalog.

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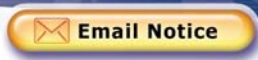
**New Reference Standards Now Available**

| Catalog # | Description                              | Size   | Lot    | Price (USD) |
|-----------|--|--------|--------|-------------|
| 1265548   | Ethylhexyl Triazone Related Compound A   | 20 mg  | F0H136 | \$576       |
| 1589109   | Pyruvic Acid                             | 500 mg | F0F309 | \$185       |
| 1478673   | Orbifloxacin                             | 350 mg | F0H126 | \$673       |
| 1359415   | Levetiracetam Racemic Mixture            | 15 mg  | F0H172 | \$576       |
| 1359426   | Levetiracetam Related Compound A         | 20 mg  | F0H173 | \$576       |
| 1012917   | Alfuzosin Hydrochloride                  | 150 mg | F0H162 | \$250       |
| 1354852   | KDN                                      | 100 mg | F0H144 | \$260       |
| 1270719   | Flavoxate Related Compound A             | 25 mg  | F0H158 | \$576       |
| 1298401   | Powdered Decaffeinated Green Tea Extract | 300 mg | F0H142 | \$185       |
| 1304049   | Heparin Sodium System Suitability        | 50 mg  | F0H211 | \$576       |
| 1304038   | Heparin Sodium Identification            | 9.3 mg | F0H210 | \$185       |
| 1151866   | Curcuminoids                             | 300 mg | F0H161 | \$185       |

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

| Catalog # | Description                              | Size   | Lot    | Price (USD) |
|-----------|--|--------|--------|-------------|
| 1375058   | Mandelic Acid (AS)*                      | 500 mg | G0H130 | \$185       |
| 1546300   | Polydimethylsiloxane                     | 500 mg | I0G306 | \$185       |
| 1046078   | Desosamylazithro mycin                   | 15 mg  | G0H171 | \$576       |
| 1379254   | Melengestrol Acetate                     | 125 mg | G0H191 | \$185       |
| 1107401   | Chloramphenicol Palmitate Nonpolymorph A | 200 mg | G0H179 | \$576       |
| 1495005   | Papain                                   | 1 g    | J0H138 | \$185       |

\* This was a Reference Standard and is now an Authentic Substance



## Backorder Availability Estimates, June 23, 2008

| Catalog # | Description  | Expected Availability* |
|-----------|--|------------------------|
| 1002505   | Acesulfame Potassium (200 mg)                      | Q3/08                  |
| 1032007   | Amphotericin B (125 mg)                            | Q3/08                  |
| 1046089   | N-Demethylazithromycin (15 mg)                     | Q3/08                  |
| 1047503   | Bacitracin (1 g) (Susceptibility disk standard)    | Q3/08                  |
| 1086301   | Calcitriol (10 mg)                                 | Q3/08                  |
| 1091006   | Capreomycin Sulfate (250 mg)                       | Q2/08                  |
| 1122722   | Chloroxylenol Related Compound A (25 mg)           | Q3/08                  |
| 1254508   | Estriol (100 mg)                                   | Q3/08                  |
| 1320001   | Hydrocortisone Phosphate Triethylamine (200 mg)    | Q3/08                  |
| 1358503   | Leuprolide Acetate (200 mg)                        | Q4/08                  |
| 1392002   | Mercaptopurine (500 mg)                            | Q3/08                  |
| 1410002   | Methicillin Sodium (500 mg) (AS)                   | Q4/08                  |
| 1443307   | Mezlocillin Sodium (350 mg)                        | Q3/08                  |
| 1471007   | Norethynodrel (200 mg)                             | Q4/08                  |
| 1601000   | Reserpine (200 mg)                                 | Q2/08                  |
| 1612415   | Sesame Oil Related Compound A (6 mg/vial; 3 vials) | Q3/08                  |
| 1642212   | Sumatriptan Succinate Related Compound A (15 mg)   | Q3/08                  |
| 1651621   | Delta-9-Tetrahydrocannabinol (1 mL)                | Q3/08                  |
| 1673828   | Trenbolone Acetate CIII (200 mg)                   | Q4/08                  |

\*Dates are targets and may change at any time. Q2/08=April–June 2008, Q3/08=July–September 2008, Q4/08=October–December 2008

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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 Catalog online at [www.usp.org](http://www.usp.org): click on the USP Products link and look up the RS of interest.

| No Longer Valid as of June 30, 2008 |  |                                 |             |             |
|-------------------------------------|--|---------------------------------|-------------|-------------|
| Catalog #                           | Description                                      | Previous Lot/<br>Valid Use Date | Current Lot | Price (USD) |
| 1046103                             | Azlocillin Sodium (200 mg) <b>DISCONTINUED</b>   | F (06/08)                       |             |             |
| 1060002                             | Benzthiazide (200 mg) <b>DISCONTINUED</b>        | F (06/08)                       |             |             |
| 1096000                             | Carbinoxamine Maleate (200 mg)                   | H (06/08)                       | H1G030      | \$185       |
| 1133547                             | Choline Chloride (200 mg)                        | F0C058 (06/08)                  | G0G022      | \$185       |
| 1140702                             | Clorsulon (200 mg)                               | F1B084 (06/08)                  | G0F275      | \$185       |
| 1171900                             | Desflurane (0.5 mL)                              | F0C187 (06/08)                  | G0G018      | \$185       |
| 1188811                             | Diclofenac Related Compound A (25 mg)            | I0D337 (06/08)                  | J0F294      | \$576       |
| 1225703                             | Doxorubicin Hydrochloride (50 mg)                | K (06/08)                       | K1G106      | \$567       |
| 1231003                             | Dydrogesterone (200 mg)                          | I0B114 (06/08)                  | I1G011      | \$185       |
| 1288463                             | Gemcitabine Hydrochloride (200 mg)               | F0D037 (06/08)                  | G0G083      | \$185       |
| 1304005                             | Heparin Sodium (10 x 1 mL)                       | K-5 (06/08)                     | L0G091      | \$185       |
| 1315001                             | Hydrocodone Bitartrate <b>CII</b> (100 mg)       | L0E176 (06/08)                  | M0G061      | \$245       |
| 1342503                             | Iocetamic Acid (200 mg) <b>DISCONTINUED</b>      | F (06/08)                       |             |             |
| 1377009                             | Meclizine Hydrochloride (500 mg)                 | I-1 (06/08)                     | J0G107      | \$185       |
| 1396310                             | Metformin Related Compound A (50 mg)             | F0C210 (06/08)                  | G0G104      | \$576       |
| 1474005                             | Nortriptyline Hydrochloride (200 mg)             | I1D054 (06/08)                  | J0G063      | \$185       |
| 1548000                             | Polythiazide (200 mg) <b>DISCONTINUED</b>        | F-1 (06/08)                     |             |             |
| 1567004                             | Procyclidine Hydrochloride (200 mg)              | G (06/08)                       | H0G084      | \$185       |
| 1610001                             | Scopolamine Hydrobromide (250 mg)                | J0B051 (06/08)                  | K0G033      | \$185       |
| 1642212                             | Sumatriptan Succinate Related Compound A (15 mg) | G0F113 (06/08)                  |             | \$738       |
| 1680007                             | Triamterene (200 mg)                             | I (06/08)                       | J0F277      | \$185       |



| No Longer Valid as of July 31, 2008 |  |                                 |         |             |             |
|-------------------------------------|--|---------------------------------|---------|-------------|-------------|
| Catalog #                           | Description                                | Previous Lot/<br>Valid Use Date |         | Current Lot | Price (USD) |
| 1068004                             | Betamethasone Sodium Phosphate (500 mg)    | K0C358                          | (07/08) | L0G223      | \$185       |
| 1129007                             | Chlortetracycline Hydrochloride (200 mg)   | K0C185                          | (07/08) | L0F198      | \$185       |
| 1224700                             | Docusate Calcium (500 mg)                  | H0B044                          | (07/08) | H1G144      | \$185       |
| 1302509                             | Halcinonide (200 mg)                       | F                               | (07/08) | G0G239      | \$185       |
| 1349706                             | Isoniazid (200 mg)                         | H                               | (07/08) | I0G205      | \$185       |
| 1356916                             | Lansoprazole (150 mg)                      | G0D307                          | (07/08) | H0G191      | \$185       |
| 1370338                             | Lorazepam Related Compound B (25 mg)       | G                               | (07/08) | G1G125      | \$576       |
| 1375105                             | Mannitol (200 mg)                          | I0B212                          | (07/08) | I1G090      | \$185       |
| 1396400                             | Methacrylic Acid Copolymer Type A (200 mg) | G0B140                          | (07/08) | G1F057      | \$185       |
| 1412008                             | Methocarbamol (200 mg)                     | H2B029                          | (07/08) | I0G112      | \$185       |
| 1431625                             | Methyl Palmitoleate (300 mg)               | F                               | (07/08) | G0F330      | \$185       |
| 1450007                             | Nafcillin Sodium (200 mg)                  | H                               | (07/08) | I0G229      | \$185       |
| 1612641                             | Silydianin (20 mg)                         | F                               | (07/08) | G0F200      | \$185       |
| 1614308                             | Sodium Lactate (200 mg)                    | J0E249                          | (07/08) | K0G115      | \$185       |
| 1623706                             | Sulfabenzamide (200 mg)                    | G                               | (07/08) | G1A020      | \$185       |
| 1670207                             | Tolcapone (200 mg)                         | F0D280                          | (07/08) | F1G397      | \$185       |
| 1682206                             | Triclosan (200 mg)                         | G0D001                          | (07/08) | H0G147      | \$185       |
| 1724532                             | Zidovudine Related Compound C (100 mg)     | F-1                             | (07/08) | G0G181      | \$576       |

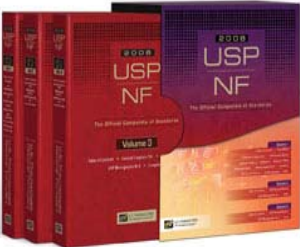
Items with New Lots

| Catalog # | Description  | Previous Lot/<br>Valid Use Date |         | Current Lot | Price (USD) |
|-----------|--|---------------------------------|---------|-------------|-------------|
| 1046078   | Desosaminylazithromycin (15 mg)  | F0E067                          | (03/09) | G0H171      | \$576       |
| 1107401   | Chloramphenicol Palmitate Nonpolymorph A (200 mg)                      | F-1                             | (02/09) | G0H179      | \$576       |
| 1300004   | Guaiacol (1 g)   | K                               | (06/09) | L0G102      | \$185       |
| 1375058   | Mandelic Acid (500 mg) (AS)  | F                               | (10/08) | G0H130      | \$185       |
| 1379254   | Melengestrol Acetate (125 mg)  | F0D304                          | (09/07) | G0H191      | \$185       |
| 1514008   | Phenacetin Melting Point Standard (500 mg) (Approximately 135 degrees) | H3A009                          | (05/09) | I0H080      | \$110       |
| 1546300   | Polydimethylsiloxane (500 mg)  | H0C020                          | (05/09) | I0G306      | \$185       |
| 1611900   | Selegiline Hydrochloride (200 mg)                                      | G                               | (06/09) | H0G394      | \$185       |
| 1665003   | Thiothixene (250 mg)   | G                               | (06/09) | H0B317      | \$185       |
| 1667461   | Tioconazole Related Compound B (25 mg)                                 | G                               | (06/09) | H0F264      | \$576       |

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## USP Publication Highlights

|   |  |
|---|--|
|  | <p><b>USP 31–NF 26 First Supplement is Official August 1!</b><br/>         Make sure you're using the latest FDA-enforceable standards in your work. If you haven't already, order <i>USP 31–NF 26</i> today. Available in English (print, online, and CD) and Spanish (print), a subscription includes a main edition and two Supplements. Order now at <a href="http://www.usp.org/products/USPNE">www.usp.org/products/USPNE</a> or call USP Customer Service at 1-800-227-8772 (U.S. and Canada), +1-301-881-0666, or 00-800-4875-5555 (Europe).</p> |
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### Publications Scheduled Ship Dates

The following table lists the scheduled ship dates for USP publications.

| Publication                             | Scheduled Ship/Post Date |
|---|--------------------------|
| PF34(4) Highlights and Stimuli Articles | Posted June 23, 2008     |
| PF34(4) Online                          | Posted June 25, 2008     |
| Food Chemicals Codex Forum Online       | June 30, 2008            |
| PF34(4) Print                           | July 8, 2008             |
| Second Supplement Spanish               | August 1, 2008           |

Orders should arrive within two weeks of placement. If you do not receive your publication order when expected, please contact USP Customer Service at +1-301-881-0666 or email [custsvc@usp.org](mailto:custsvc@usp.org)



## Event Highlights

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### **USP Bioassay Workshop, August 13–14, 2008, USP Headquarters in Rockville, MD**

Bioassays continue to play an essential role in drug development and in many phases of the pharmaceutical product lifecycle. This workshop will address USP General Chapters on the Design, Development, Analysis and Validation of Bioassays. The development, analysis, and validation of bioassays typically require teams of scientists, technicians and statisticians to move a bioassay from development to practice. The new USP chapters and this workshop will provide best-practice guidelines to facilitate this process. The workshop will also explore the role of bioassays in monographs, the transition from animal assays to cell based assays, and bioassays for potency and immunogenicity testing. This interactive event will not only provide guidance and information on bioassays, but will also provide an opportunity for vigorous discussion of the compendial proposals.

For more information or to register for this event please click on the following link:

<http://ems.intellor.com/?p=201821&do=register&t=12>

### **USP Annual Scientific Meeting**

A great way to get involved with USP, the 2008 USP Annual Scientific Meeting will be held September 24–26, 2008 at the Westin Crown Center in Kansas City, MO. As a valued USP customer, you are eligible for a special discount of \$150 off the regular registration fee if you register and pay in-full by July 18, 2008. [Regular registration fees: \$1,350 (Industry/Consultant) or \$650 (Academia/Association/Government) Discount applicable only on full registration.]

For more information on the meeting, visit [www.usp.org/meetings/asMeeting/](http://www.usp.org/meetings/asMeeting/).

To receive discount, please use the following code when registering: usp08asm01.

## Pharmacopeial Education

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### **Featured Courses**

#### **Navigating Chapter <467> Residual Solvents (online course)**

#### ***LAST chance to take course!***

Gain a broad understanding of the new requirements, addressing identification, control and quantification of residual solvents. Instruction will provide information on the ingredients and products affected by the new standard, the testing and validation practices that will be accepted as well as the procedures to document compliance.

**Intended For:** Lab managers, bench chemists, QA/QC personnel, those involved with method validation in the pharmaceutical and allied industries.

**Format:** Web based education, 10 hours of self paced learning over 10 days.

**Cost:** US \$299; click [here](#) to register.

**Dates and Location:** July 17, 2008; available online! View on your PC at home or at the office.

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## Laboratory Practicum for Chapter <467> Residual Solvents

USP, in partnership with Phenomenex, a worldwide manufacturer of separation science consumables, will present a comprehensive course including lectures and complementary laboratory sessions on the use of analytical procedure in General Chapter <467> Residual Solvents and using alternative testing protocols.

**Intended For:** Lab managers, bench chemists, QA/QC personnel, and those involved with method validation in the pharmaceutical and allied industries.

**Format:** Traditional Classroom, Full Day, Lecture and Lab

**Classroom Cost:** US \$1,495, click [here](#) to register.

**Dates and Locations:** July 23, 2008; Torrance, CA

## Effectively Using *USP-NF*

Learn about the most efficient and effective way to use the trusted standards of the *USP-NF*, *USP-NF Supplements*, and *Pharmacopeial Forum* to your organization's best advantage.

**Intended For:** Laboratory scientists, lab managers, and compliance staff in the pharmaceutical and allied industries.

**Format:** Traditional Classroom, Full Day, Lecture

**Classroom Cost:** US \$695, click [here](#) to register.

**Date and Location:** August 6, 2008; Rockville, MD

## Upcoming PE Courses

- [Navigating Chapter <467> Residual Solvents](#)
- [Laboratory Practicum for Chapter <467> Residual Solvents](#)
- [USP/ISMP Workshop](#)
- [Essentials of Microbiological Testing](#)
- [Practical Applications of Chapter <467> Residual Solvents](#)
- [Effectively Using USP-NF](#)
- [Validation of Compendial Procedures](#)

## Subscribe to the Pharmacopeial Education Email Bulletin

USP Pharmacopeial Education is developing several new courses for introduction in 2008 and 2009. If you would like to stay informed of our new curriculum and upcoming schedule, [subscribe now](#) to the Pharmacopeial Education Bulletin.

For the complete USP Education course list, please go to <http://www.usp.org/education>

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## Compendial Highlights

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### USP–NF Notices

**Revision Bulletins:** [USP Postpones the Official Date of the Glycerin Monograph: Revisions and Clarifications to be Made](#) (05/09/08)

[General Chapter <701> Disintegration](#) (06/06/08)

**Explanatory Notes/Announcements:** Nothing New

**Intent to Revise:** Nothing New

**Errata:** Nothing New

**Postponements:** USP Postpones the Official Date of the Glycerin Monograph: Revisions and Clarifications to be Made (05/09/08)

**Inorganic Impurities (Heavy Metals) Stimuli Article—04/23/08.** To read the article before it is published in *PF34(5)* click [here](#)

### Stimuli Articles

Featured in *PF 34(4)*, July–August 2008

[The Inhalation Ad Hoc Advisory Panel for the USP Performance Tests of Inhalation Dosage Forms](#)  
[Use of Scanning Electron Microscopy in the Authentication of Botanicals](#)

## Tip of the Month

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FDA's Office of Generic Drugs has issued a statement about compliance with USP requirements relating to residual solvents, [Residual Solvents Acceptability Letter](#). To better understand the new requirements, check out the PE section of this Email Notice for applicable courses.

## Question of the Month

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***Where can I find the Errata Table in the online USP–NF?***

The errata topics are corrected within the text of the online *USP–NF* so there is no Errata Table. You can find the Errata Table in the hard copy print edition of *USP–NF Supplement 1* and *2* and also in the online *PF* in the Interim Revision Announcement section.

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