

**Examples of 2003 USADA/IOC/WADA Prohibited Substances and Prohibited Methods of Doping**

**PROHIBITED CLASSES (All related compounds are prohibited)**

- ⊗ **Anabolic Agents:**
  - **Anabolic-androgenic steroids:** Androstenediol, androstenedione, bolasterone, danazol, drostanole, DHEA, nandrolone, norbolethone, oxandrolone, stanozolol, testosterone
  - **Beta-2 agonists:** Advair\*, bambuterol, bitolterol, clenbuterol, fenoterol, formoterol\* (e.g., Foradil), metaproterenol, orciprenaline, pirbuterol, reproterol, rimiterol, salbutamol\* (e.g., Albuterol, Proventil, Ventolin, Combivent), salmeterol\* (e.g., Serevent), terbutaline\* (e.g., Brethaire)

*NOTE: \* Allowed by inhaler only to prevent or treat asthma and exercise-induced asthma. Medical notification form required on file with USADA.*
- ⊗ **Diuretics:** Acetazolamide, amiloride, bendroflumethiazide, bumetanide, canrenone, chlorthalidone, ethacrynic acid, furosemide, hydrochlorothiazide, indapamide, mannitol (IV injection), mersalyl, spironolactone, triamterene
- ⊗ **Narcotics:** Buprenorphine, dextromoramide, diamorphine (heroin), hydrocodone, meperidine, methadone, morphine, oxycodone, oxymorphone, pentazocine
- ⊗ **Peptide Hormones, Mimetics and Analogues (and all releasing factors):**
  - Chorionic Gonadotrophin (hCG) - *NOTE: Prohibited in males only*
  - Pituitary & synthetic gonadotrophins (LH) - *NOTE: Prohibited in males only*
  - Corticotrophins (ACTH, tetracosactide)
  - Growth hormone (hGH)
  - Insulin-like Growth Factor (IGF-1)
  - Erythropoietin (EPO)
  - Insulin - *NOTE: Allowed only to treat certified insulin-dependent diabetes. Medical notification form required on file with USADA.*
- ⊗ **Alcohol\*:** Ethanol
- ⊗ **Stimulants:** Amphetamine (e.g., Adderall, Dexedrine), prohibited Beta-2 agonists, caffeine (>12mcg/ml), cocaine, ephedrine, Ma Huang (herbal ephedrine), methylphenidate (e.g., Ritalin, Concerta), norpseudoephedrine, pemoline, phenylpropranolamine, pseudoephedrine
- ⊗ **Agents With Anti-Estronogenic Activity:** *Clomiphene, cyclofenil, tamoxifen, aromatase inhibitors - NOTE: Prohibited in males only*
- ⊗ **Masking Agents:** Diuretics; probenecid, plasma expanders (e.g. hydroxyethyl starch)

**CLASSES OF PROHIBITED SUBSTANCES IN CERTAIN CIRCUMSTANCES**

- ⊗ **Alcohol\*:** Ethanol
- ⊗ **Beta-Blockers\*:** Acebutolol, alprenolol, atenolol, betaxolol, bisoprolol, carvedilol, esmolol, labetalol, metoprolol, nadolol, oxprenolol, pindolol, propranolol, sotalol, timolol
- \* Tested for where rules of a responsible authority so provide.
- ⊗ **Cannabinoids\*:** Hashish, marijuana (THC) *NOTE: Tested for at Olympic Games.*
- ⊗ **Local Anesthetics:** Cocaine (IM and IV administration prohibited) *NOTE: See regulations under allowed medication section.*
- ⊗ **Glucocorticosteroids:** Systemic use is prohibited when administered orally, rectally, or by intravenous or intramuscular injection. *NOTE: Some international federations require written notification for intra-articular and local injections. Medical notification form required on file with USADA.*

**PROHIBITED METHODS**

- ⊗ **Enhancement of Oxygen Transfer –**
  - a) **Blood Doping:** The administration of autologous, homologous or heterologous blood or red blood cells of any origin, other than for legitimate medical treatment.
  - b) The administration of products that enhance the uptake, transport or delivery of oxygen (i.e. modified haemoglobin products including but not limited to bovine and cross-linked haemoglobins, microencapsulated haemoglobin products, perfluorochemicals, and RSR13).
- ⊗ **Pharmacological, Chemical and Physical Manipulation:** Bromantan, catheterization, diuretics, epitestosterone, glutaraldehyde, hydroxyethyl starch, probenecid, substitution
- ⊗ **Gene Doping:** The non-therapeutic use of genes, genetic elements and/or cells that have the capacity to enhance athletic performance.

**QUESTIONS: Call USADA's Drug Reference Line at 1-800-233-0393 or email to [drugreference@usantidoping.org](mailto:drugreference@usantidoping.org)**

**OUT-OF-COMPETITION (OOC) TESTING**

Unless requested by the responsible authority, out-of-competition (OOC) testing is directed solely at the following classes - Anabolic Agents, Diuretics, Peptide Hormones, Mimetics and Analogues, and Prohibited Methods.

*This list is not complete and is subject to change.*

**NOTE: Some international federations have different substances on their respective prohibited list. Please review both the IOC and your respective IF prohibited lists.**

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This list is effective January 1, 2003 until further notice. Please check the USADA web site for the latest information regarding this list.



**United States Anti-Doping Agency (USADA)**  
Examples of Permitted Medications – 2003



\* May be prohibited by certain international federations

- **Antacids:** Di Gel, Gaviscon, Maalox, Mylanta, Tums
- **Anti-Anxiety\*:** Atarax, Ativan, Buspar, Librium, Valium, Vistaril
- **Antibiotics:** All are permitted.
- **Anti-Depressants:** Wellbutrin
- **Anti-Diabetics:** Actose, Amaryl, DiaBeta, Diabinese, Glucophage, Glucotrol, Glyburide, Glynase, Micronase, Prandin, Precose, Rezulin
- **Antidiarrheals:** Bismuth subsalicylate, diphenoxylate w/ atropine, Imodium, kaolin w/ pectin, Kaopectate, Lomotil, Lonox, loperamide, Pepto Bismol
- **Topical Antifungals:** Cruex, Desenex, Lamisil, Lotrimin, Micatin, Monistat, Mycostatin, Tinactin
- **Anti-Nausea/Antivertigo\*:** Antivert, Bonine, Bucladin S, Compazine, diphenhydramine, Dramamine, Emetrol, Motion Aid, Tigan
- **Antiviral:** Acyclovir, didanosine, Famvir, Relenza, Stavudine, Tamiflu, Valtrex, Zidovudine
  
- **Asthma:** Cromolyn sodium, ipratropium, nedocromil sodium, Singulair, theophylline
  - **Restricted Beta-2 agonists:** *NOTE: See restrictions under Anabolic Agents.*
  - **Restricted Glucocorticosteroids:** Aerobid, Azmacort, Beconase, Beclovent, Flonase, Flovent, Nasacort, Nasonex, Pulmicort, Rhinocort, Vanceril - *NOTE: Restricted to inhalant and/or nasal forms only. Medical notification form required on file with USADA.*
- **Cold Medications:**
  - **Antihistamines\*:** Allegra, Benadryl, chlorpheniramine, Claritin, clemastine, diphenhydramine, Zyrtec
  - **Decongestants:** Naphazoline, oxymetazoline, phenylephrine, tetrahydrozoline, xylometazoline  
*NOTE: Decongestants allowed in topical form only, e.g., nasal spray.*
  - **Cough preparations:** Codeine, dextromethorphan, guaifenesin, iodinated glycerol  
*CAUTION: Many combination cold medications contain prohibited substances.*
  - **Expectorant:** Guaifenesin
- **Contraceptives:** Demulen, Desogen, Genora, Loestrin, Lo-Ovral, Modicon, Nelova, Nordette, Ortho-Cyclen, Ortho-Tri-Cyclen, Ovcon, Ovral, Triphasil.
- **Ear preparations:** Auralgan, Auro Ear Drops, Cerumenex, Cortisporin, Debrox, Murine Ear Drops, Otic Domeboro, Vosol
- **Eye preparations:** Artificial Tears, boric acid, Murine Plus, Mycitracin, Naphcon-A, Neo-Synephrine, oxymetazoline, Polysporin, Relief, tetrahydrozoline, Vasocon-A, Visine
- **Hemorrhoidals:** Anusol, Anusol-HC, Preparation H - *NOTE: External cream or ointment only.*
- **Injectable Local Anesthetics:**
  - Bupivacaine, lidocaine, mepivacaine, procaine, etc. can be used (not cocaine). Vasoconstrictors (e.g. adrenaline) may be used in conjunction with local anesthetics.
  - Only local or intra-articular may be administered.
  - Only when medically justified.
- **Laxatives:** Correctol, Dulcolax, Ex-Lax, Fibercon, Fleet Enema, Metamucil, Milk of Magnesia
- **Liniments/Topicals:** Aspercreme, Ben-Gay, capsaicin, Flex-All 454, Icy Hot Balm, Myoflex Cream, Sportscreme, Vicks Vaporub, Zostrix, Zovirax
- **Muscle Relaxants\*:** Baclofen, Flexeril, Norflex, Soma, Zanaflex
- **Pain/Anti-Inflammatory:** Acetaminophen, aspirin, Bayer Aspirin, Bufferin, Celebrex, codeine, Dolobid, Ecolrin, Empirin, ibuprofen, naproxen, Panadol, Phenaphen w/ Codeine, piroxicam, propoxyphene, Tylenol (Plain, Ex-Strength), Tylenol w/ Codeine, Vioxx
  - **Non-steroidal anti-inflammatory agents (NSAIDS):** All are permitted.
  - **Topical glucocorticosteroids:** Administration of aural (ear), ophthalmological (eye), and dermatological (skin) preparations are permitted.
- **Sedatives/Sleep Aids\*:** Antivert, Ativan, Compoz, Dalmane, diphenhydramine, Halcion, Nytol, Restoril, Sominex, Unisom, Valium, Xanax
- **Supplements:** *CAUTION: Some may contain prohibited substances; use of these products is at the athlete's own risk.*
- **Ulcer Medications:** Antacids, Axid, Carafate, Pepcid, Prevacid, Prilosec, Propulsid, Tagamet, Zantac
- **Vaginal Preparations:** AVC, Femstat, Gyne Lotrimin, Metrogel, Monistat, Mycelex, Mycostatin, vaginal tablets, Terazol, Vagistat

\* May be prohibited by certain international federations.

*NOTE: Where the rules of a responsible authority so provide, Medical notification forms need to be on file with USADA prior to competition. The medical notification form is valid for one (1) year from the date of the signature by your physician*

Check the USADA Guide (p. 29-30) for a more extensive list of permitted substances.

**USADA DIETARY SUPPLEMENT WARNING**

Many dietary supplements, which are sold over the counter or through the Internet, contain doping substances that are prohibited by the Olympic Movement Anti-Doping Code and the anti-doping rules of the International Federations and United States National Governing Bodies.

Because anti-doping rules make the presence of a prohibited substance in an athlete's urine a doping offense regardless of how the substance got there, any athlete who takes a dietary supplement does so at his or her own risk.

Consult your physician for specific information on appropriate medications for treatment. Use of foreign products is at the athlete's OWN risk.

[www.usantidoping.org](http://www.usantidoping.org)

Effective beginning January 1, 2003  
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