

# NCAA Banned-Drug Classes

## 2007-2008

The NCAA list of banned-drug classes is subject to change by the NCAA Executive Committee. Contact NCAA education services or [www.ncaa.org/health-safety](http://www.ncaa.org/health-safety) for the current list. The term "related compounds" comprises substances that are included in the class by their pharmacological action and/or chemical structure. **No substance belonging to the prohibited class may be used, regardless of whether it is specifically listed as an example. Many nutritional/dietary supplements contain NCAA banned substances. In addition, the U.S. Food and Drug Administration (FDA) does not strictly regulate the supplement industry; therefore purity and safety of nutritional dietary supplements cannot be guaranteed. Impure supplements may lead to a positive NCAA drug test. The use of supplements is at the student-athlete's own risk. Student-athletes should contact their institution's team physician or athletic trainer for further information.**

### Banned Drugs

The following is the list of banned-drug classes, **with examples of substances under each class:**

#### (a) Stimulants:

amiphenazole  
amphetamine  
bemigrade  
benzphetamine  
bromantan  
caffeine (guarana)  
chlorphentermine  
cocaine  
cropropamide  
crothetamide  
diethylpropion  
dimethylamphetamine  
doxapram  
ephedrine (ephedra, ma  
huang)  
ethamivan  
ethylamphetamine  
fencamfamine  
meclofenoxate  
methamphetamine  
methylenedioxymethamphetamine-  
(MDMA, ecstasy)  
methylphenidate  
nikethamide  
octopamine  
pemoline  
pentetrazol  
phendimetrazine  
phenmetrazine  
phentermine  
phenylpropanolamine (ppa)  
picrotoxine  
pipradol  
prolintane  
strychnine  
synephrine (citrus aurantium, zhi shi, bitter orange)  
**and related compounds The following stimulants are not banned:**  
phenylephrine  
pseudoephedrine

#### (b) Anabolic Agents:

**(c) Substances Banned for Specific Sports:**

Rifle:

alcohol pindolol

atenolol propranolol

metoprolol timolol

nadolol **and related compounds**

**(d) Diuretics:**

acetazolamide hydrochlorothiazide

bendroflumethiazide hydroflumethiazide

benzthiazide methyclothiazide

bumetanide metolazone

chlorothiazide polythiazide

chlorthalidone probenecid

ethacrynic acid spironolactone (canrenone)

finasteride triamterene

flumethiazide trichlormethiazide

furosemide **and related compounds**

**(e) Street Drugs:**

heroin (tetrahydrocannabinol)

marijuana<sub>3</sub> (THC)<sub>3</sub>

**(f) Peptide Hormones and Analogues**

corticotrophin (ACTH)

growth hormone(hGH, somatotrophin)

human chorionic gonadotrophin (hCG)

insulin-like growth factor (IGF-1)

luteinizing hormone (LH)

**All the respective releasing factors of the above-mentioned substances also are banned.**

erythropoietin (EPO) sermorelin

darbepoetin

**(g) Anti-estrogens:**

anastrozole tamoxifen

clomiphene **and related compounds**

**(h) Definitions of positive depends on the following:**

<sup>1</sup> for caffeine—if the concentration in urine exceeds 15 micrograms/ml.

<sup>2</sup> for testosterone—an adverse analytical finding (positive result) based on any reliable analytical method (e.g., IRMS, GCMS, CIR) which shows that the testosterone is of exogenous origin, or if the ratio of the total concentration of testosterone to that of epitestosterone in the urine is greater than 6:1, unless there is evidence that this ratio is due to a physiological or pathological condition.

<sup>3</sup> for marijuana and THC — if the concentration in the urine of THC metabolite exceeds 15 nanograms/ml.