



WADA Prohibited List, 2004

Summary of Modifications under Consideration

General Introduction

A number of changes have been made to the style and organization of the proposed *List*. It has a new title and the term “Classes” is no longer used. Section headings now appear as noted below:

- I. Substances and Methods Prohibited In-Competition.
 - II. Substances and Methods Prohibited In-and-Out-of-Competition.
 - III. Substances Prohibited in Particular Sports.
 - IV. Specified Substances.
- The *List* now identifies, in one place, all substances whose use is prohibited; there is no longer a separate grouping of “examples” at the end of the document as in the past. It is hoped this will provide clarity and prevent confusion. The term “...and related substances” has been replaced where appropriate by “and other substances with similar chemical structure or similar pharmacological effects”.
 - The *Beta-2-Agonists* are now listed as a separate category, *Cannabinoids* and *Glucocorticosteroids* are listed as substances prohibited in competition under Section I. *Diuretics* are now dealt with more appropriately as *Masking Agents* and *Substances Prohibited in Particular Sports*.
 - A new Section (“IV. Specified Substances”) has been introduced in keeping with Article 10.3 of the *WADA Code*, which allows WADA to “*identify specified substances which are particularly susceptible to unintentional anti-doping rule violations because of their general availability in medicinal products or which are less likely to be successfully abused as doping agents.*”
 - References to urinary thresholds or ‘cut-off’ levels are dealt with in the relevant sections, and now, some have been transferred to the *International Standard for Laboratories*.

Comments regarding Specific Substances

I. SUBSTANCES AND METHODS PROHIBITED IN COMPETITION

PROHIBITED SUBSTANCES

S1- : Stimulants

The list of prohibited stimulants is provided which specifies that both optical (D- and L-) isomers of stimulants are banned.

Caffeine, phenylephrine, phenylpropanolamine, pseudoephedrine, and synephrine have been removed from the List and transferred to the Monitoring Program (Part III of the Standard).

Adrafinil, Amphetaminil, benzphetamine, dimethylamphetamine, furfenorex, methylamphetamine, modafinil, have been added to the List.

The text regarding procedures to be used in the 2004 Olympic Games to validate the diagnosis of asthma etc. has been removed from this document.

S2- : Narcotics

Hydromorphone, oxycodone, oxymorphone, have been added to the definitive list of narcotics, and the term “*and related substances*” has been removed.

S3- : Cannabinoids

Cannabinoids are prohibited in competition in all sports and now form a new category. It is important to note that they are also listed as a “Specified Substance” in part IV of the List.

S4- : Anabolic Agents

Anabolic Androgenic Steroids have been identified as either “a. Exogenous...” or “b. Endogenous...” and the phrase ‘*and their analogues*’ completes each list. The terms “exogenous”, “endogenous” and “analogue” are defined in the text. ‘*Beta-2-Agonists with anabolic properties*’ are listed under a separate heading.

The following Anabolic Steroids have been added to the Prohibited List: boldione, Delta1-androstene-3, 17-dione, 4-hydroxy-19-nortestosterone, mestanolone, oxabolone, quinbolone, stenbolone, 1-testosterone.

Section 1.b dealing with Endogenous Anabolic Androgenic Substances has been completely rephrased to allow a more flexible approach than simple T/E >6 when suspicious results or abnormal variations are detected in athletes' samples.

S5- : *Peptide Hormones*

The order of substances in this list has been changed, and the terms "mimetic" and "analogue" have been defined.

S6: *Beta-2-Agonists*

The wording of this category has been changed. All beta-2-agonists including their D-and L- isomers are prohibited except "*formoterol, salbutamol, salmeterol, and terbutaline* permitted by inhalation only to prevent and/or treat asthma and exercise induced asthma/bronchoconstriction". Medical notification under TUE standard is required. When a urinary concentration of salbutamol above 1000 ng/mL is found, the athlete has the responsibility to prove that this results from a therapeutic use of inhaled salbutamol.

S7: *Agents with Anti-oestrogenic Activity*

No change

S8: *Masking Agents*

The text of this section has been modified.

Dextran has been added to the list of examples of plasma expanders.

The list of examples of diuretics is now included in this section.

S9: This section on **Glucocorticosteroids** has been moved from section "prohibited in certain sports" on the 2003 List to "prohibited in-competition" for all sports on the 2004 List. Reference to TUE and abbreviated TUE is made according to the administration routes of Glucocorticosteroids.

M1: *Enhancement of Oxygen Transfer*

The text of this section has been modified to include "*erythropoietins*" and "*haemoglobin-based substitutes*". "*Efaproxiral*" has been added.

M2: *Pharmacological, chemical and physical manipulation*

No change.

M3: Gene doping

No change.

II. SUBSTANCES AND METHODS PROHIBITED IN AND OUT-OF-COMPETITION

PROHIBITED SUBSTANCES

This section indicates the substances prohibited at all times by referring to the appropriate sections of Prohibited Substances and Prohibited Methods previously indicated as banned in-Competition.

S4: Anabolic Agents

S5: Peptide Hormones

S6: Beta-2 Agonists

In section S6 (Beta-Agonists) only clenbuterol, Salbutamol (>1000ng/mL) are prohibited out-of competition.

S7: Agents with Anti-Oestrogenic Activity

S8: Masking Agents

PROHIBITED METHODS

M1: Enhancement of Oxygen Transfer

M2: Pharmacological, Chemical and Physical Manipulation

M3: Gene Doping

III. SUBSTANCES PROHIBITED IN PARTICULAR SPORTS

PROHIBITED SUBSTANCES

P1 : Alcohol

New text is followed by a list of International Federations who have requested that alcohol be banned in-competition in their sport. Reporting thresholds are indicated in parenthesis. The implementation and conduct of such tests is the responsibility of the relevant Federations.

Local Anaesthetics

This category of drugs has been removed from the *List*.

P2 : Beta-Blockers

New text is followed by a list of International Federations who have requested that beta-blockers be banned in their sports competitions. Only two Federations have wished to extend ban also out-of competition. The list of beta-blockers is unchanged but is introduced with new phrasing (“Beta-blockers include, but are not limited to, the following:”)

IV. SPECIFIED SUBSTANCES

This is a new category as discussed above. The detection of substance listed in this category may result in the application of a modified sanction. Substances or class of substance to be included in this category are listed in this section.