

**Rule 1217(B)**

**MODEL RULE LANGUAGE.**

**Out of Competition Testing for Blood and/or Gene Doping Agents**

- (1) Any horse on the grounds at a racetrack or training center under the jurisdiction of the commission; or under the care or control of trainer or owner licensed by the commission is subject to testing for blood and/or gene doping agents without advance notice. This rule does not apply to therapeutic medications approved by the FDA for use in the horse.
- (2) Horses to be tested may be selected at random, with probable cause, or as determined by the commission;
- (3) The Commission Veterinarian, or any licensed veterinarian or licensed veterinary technician authorized by the commission, may at any time, take a urine, blood or hair sample from a horse for this purpose.
- (4) Prohibited substances, practices and procedures are defined as:
  - (a) Blood doping agents including, but not limited to Erythropoietin (EPO), Darbepoetin, Oxyglobin, Hempure, Aransep or any substance that abnormally enhances the oxygenation of body tissues.
  - (b) Gene doping agents or the non-therapeutic use of genes, genetic elements, and/or cells that have the capacity to enhance athletic performance or produce analgesia.
- (5) Cooperation with the Commission Veterinarian, or any licensed veterinarian or licensed veterinary technician authorized by the commission, includes:
  - (a) Assisting in the immediate location and identification of the horse selected  
for out of competition testing;
  - (b) Providing a stall or safe location to collect the samples;
  - (c) Assisting the veterinarian in properly procuring the samples;
  - (d) Split samples will be collected as per PMRMR-025-023-C.
- (6) Out of competition samples will be sent to the official laboratory of the commission, or other laboratory as designated by the commission with reports made in accordance with the provisions of these medication rules and the penalty provisions thereof.

Rule 1217(C)

MODEL RULE LANGUAGE

**C. Prohibited Practices - Extracorporeal Shock Wave Therapy or Radial Pulse Wave Therapy**

The use of Extracorporeal Shock Wave Therapy or Radial Pulse Wave Therapy shall not be permitted unless the following conditions are met:

- (a) Any treated horse shall not be permitted to race for a minimum of 10 days following treatment;
- (b) The use of Extracorporeal Shock Wave Therapy or Radial Pulse Wave Therapy machines shall be limited to veterinarians licensed to practice by the Commission;
- (c) Any Extracorporeal Shock Wave Therapy or Radial Pulse Wave Therapy machines on the association grounds must be registered with and approved by the Commission or its designee before use;
- (d) All Extracorporeal Shock Wave Therapy or Radial Pulse Wave Therapy treatments must be reported to the official veterinarian on the prescribed form not later than the time prescribed by the official veterinarian.

*Revised 12/21/17*

**Rule 1217(C)**

**Current Language**

**C. Prohibited Practices – Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy**

The use of Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy shall not be permitted unless the following conditions are met:

- (a) Any treated horse shall not be permitted to race for a minimum of 10 days following treatment;
- (b) The use of Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy machines shall be limited to veterinarians licensed to practice by the Commission;
- (c) Any Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy machines on the association grounds must be registered with and approved by the Commission or its designee before use;
- (d) All Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy treatments must be reported to the official veterinarian on the prescribed form not later than the time prescribed by the official veterinarian.

**Adjusted Language**

**C. Prohibited Practices – Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy**

The use of Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy shall not be permitted unless the following conditions are met:

- a) Any treated horse shall **be placed on the vet's list and will** not be permitted to race **or breeze** for a minimum of 10 days following treatment;
- b) The use of Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy machines shall be limited to veterinarians licensed to practice by the Commission;
- c) Any Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy machines on the association grounds must be registered with and approved by the Commission or its designee before use;
- d) All Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy treatments must be **approved in advance by the** official veterinarian on the prescribed form not later than the time prescribed by the official veterinarian.
- e) **Any horse treated with Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy shall be added to a list of ineligible horses for a minimum of 10 days following treatment. That list shall be kept in the racing office and accessible during normal business hours.**
- f) **Any person participating in the use of Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy and/or the possession of Extracorporeal Shock Wave Therapy or Radio Pulse Wave Therapy machines in violation of this rule shall be considered to have committed a Prohibited Practice and is subject to a Class A Penalty.**

*↓ adopted 12/21/17  
emergency provision - goes into effect  
1/12/18*

**Association of Racing Commissioners International, Inc.**  
Drug Testing Standards and Practices Program  
Model Rules Guidelines



# **Uniform Classification Guidelines for Foreign Substances and Recommended Penalties Model Rule**

Version 13.00

# **Association of Racing Commissioners International, Inc.**

## **Uniform Classification Guidelines for Foreign Substances**

### **Table of Contents**

Preamble to the Uniform Classification Guidelines of Foreign Substances.....	ii
Notes Regarding Classification Guidelines .....	ii
Classification Criteria .....	iii
Classification Definitions.....	iv
Drug Classification Scheme.....	vi
Alphabetical Substance List.....	1
Listing by Classification .....	12
Non-Classified Substances.....	27
Recommended Penalty and Model Rule.....	28
Recent Document Revisions.....	32

# Preamble to the Uniform Classification Guidelines of Foreign Substances

The Preamble to the Uniform Classification Guidelines was approved by the RCI Drug Testing and Quality Assurance Program Committee (now the Drug Testing Standards and Practices Program Committee) on August 26, 1991. Minor revisions to the Preamble were made by the Drug Classification Subcommittee (now the Veterinary Pharmacologists Subcommittee) on September 3, 1991.

"The Uniform Classification Guidelines printed on the following pages are intended to assist stewards, hearing officers and racing commissioners in evaluating the seriousness of alleged violations of medication and prohibited substance rules in racing jurisdictions. Practicing equine veterinarians, state veterinarians, and equine pharmacologists are available and should be consulted to explain the pharmacological effects of the drugs listed in each class prior to any decisions with respect to penalties to be imposed. The ranking of drugs is based on their pharmacology, their ability to influence the outcome of a race, whether or not they have legitimate therapeutic uses in the racing horse, or other evidence that they may be used improperly. These classes of drugs are intended only as guidelines and should be employed only to assist persons adjudicating facts and opinions in understanding the seriousness of the alleged offenses. The facts of each case are always different and there may be mitigating circumstances which should always be considered. These drug classifications will be reviewed frequently and new drugs will be added when appropriate."

## Notes Regarding Classification Guidelines

- Where the use of a drug is specifically permitted by a jurisdiction, then the jurisdiction's rule supersedes these penalty guidelines.
- Regulators should be aware that a laboratory report may identify a drug only by the name of its metabolite. The metabolite might not be listed here, but the parent compound may be.
- These classes of drugs are intended only as guidelines and should be employed only to assist persons adjudicating facts and opinions in understanding the seriousness of the alleged offenses.
- The facts of each case are different and there may be mitigating circumstances that should be considered.
- These drug classifications will be reviewed periodically. New drugs will be added or some drugs may be reclassified when appropriate.
- **Racing Commissioners International (RCI) and/or the Racing Medication and Testing Consortium (RMTC) should be consulted for found substances or drugs not included in these guidelines and treated as Class 1 violations warranting a Class A penalty unless otherwise advised.**

# Classification Criteria

The RCI Drug Classification Scheme is based on 1) pharmacology, 2) drug use patterns, and 3) the appropriateness of a drug for use in the racing horse. Categorization is decided using the following general guidelines:

- **Pharmacology.** Drugs that are known to be potent stimulants or depressants are placed in higher classes, while those that have (or would be expected to have) little effect on the outcome of a race are placed in lower classes.
- **Drug Use Patterns.** Some consideration is given to placement of drugs based on practical experience with their use and the nature of positive tests. For example, procaine positives have in the past been associated primarily with the administration of procaine penicillin, and this has been taken into consideration in the placement of procaine into Class 3 instead of Class 2 with other injectable local anesthetics.
- **Appropriateness of Drug Use.** Drugs that clearly are intended for use in equine therapeutics are placed in lower classes. Drugs that clearly are not intended for use in the horse are placed in higher classes, particularly if they might affect the outcome of a race. Drugs that are recognized as legitimately useful in equine therapeutics but could affect the outcome of a race are placed in the middle or higher classes.

The list includes most drugs that have been reported as detected by racing authority laboratories in the United States, Canada, the United Kingdom and other Association of Official Racing Chemists (AORC) laboratories, but does not include those which would seem to have no effect on the performance of the horse or drug detectability. For example, it does not include antibiotics, sulfonamides, vitamins, anthelmintics, or pangamic acid, all of which have been reported.

The list contains many drugs that have never been reported as detected. Usually, these are representatives of chemical classes that have the potential for producing an effect, and in many cases, for which at least one drug in that chemical class has been reported.

Most drugs have numerous effects, and each was judged on an individual basis. There are instances where there is a rather fine distinction between drugs in one category and those in the next. This is a reflection of a nearly continuous spectrum of effects from the most innocuous drug on the list to the drug that is the most offensive.

# Classification Definitions

- **Class 1:** Stimulant and depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in the racing horse. Many of these agents are Drug Enforcement Agency (DEA) schedule II substances. These include the following drugs and their metabolites: Opiates, opium derivatives, synthetic opioids and psychoactive drugs, amphetamines and amphetamine-like drugs as well as related drugs, including but not limited to apomorphine, nikethamide, mazindol, pemoline, and pentylenetetrazol. Though not used as therapeutic agents, all DEA Schedule I agents are included in Class 1 because they are potent stimulant or depressant substances with psychotropic and often habituating actions. This class also includes all erythropoietin stimulating substances and their analogues.
- **Class 2:** Drugs that have a high potential to affect performance, but less of a potential than drugs in Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse. Drugs in this class include: psychotropic drugs, certain nervous system and cardiovascular system stimulants, depressants, and neuromuscular blocking agents. Injectable local anesthetics are included in this class because of their high potential for abuse as nerve blocking agents.
- **Class 3:** Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2. Drugs in this class include bronchodilators, anabolic steroids and other drugs with primary effects on the autonomic nervous system, procaine, antihistamines with sedative properties and the high-ceiling diuretics.
- **Class 4:** This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3. Drugs in this class includes less potent diuretics; corticosteroids; antihistamines and skeletal muscle relaxants without prominent central nervous system (CNS) effects; expectorants and mucolytics; hemostatics; cardiac glycosides and anti-arrhythmics; topical anesthetics; anti-diarrheals and mild analgesics. This class also includes the non-steroidal anti-inflammatory drugs (NSAIDs), at concentrations greater than established limits.
- **Class 5:** This class includes those therapeutic medications that have very localized actions only, such as anti-ulcer drugs, and certain anti-allergic drugs. The anticoagulant drugs are also included.



- **Prohibited Practices:**

A) The possession and/or use of a drug, substance or medication, specified below, on the premises of a facility under the jurisdiction of the regulatory body for which a recognized analytical method has not been developed to detect and confirm the administration of such substance; or the use of which may endanger the health and welfare of the horse or endanger the safety of the rider or driver; or the use of which may adversely affect the integrity of racing:

- 1) Erythropoietin
- 2) Darbepoetin
- 3) Oxyglobin
- 4) Hemopure

B) The possession and/or use of a drug, substance, or medication on the premises of a facility under the jurisdiction of the regulatory body that has not been approved by the United States Food and Drug Administration (FDA) for use in the United States.

C) The practice, administration, or application of a treatment, procedure, therapy or method identified below, which is performed on the premises of a facility under jurisdiction of a regulatory body and which may endanger the health and welfare of the horse or endanger the safety of the rider or driver, or the use of which may adversely affect the integrity of racing:

# Drug Classification Scheme

- **Class 1:** Opiates, opium derivatives, synthetic opioids, psychoactive drugs, amphetamines, and all DEA Schedule I substances (see <http://www.deadiversion.usdoj.gov/schedules/#list>), and many DEA Schedule II drugs. Also found in this class are drugs that are potent stimulants of the CNS. Drugs in this class have no generally accepted medical use in the racing horse and their pharmacologic potential for altering the performance of a racing horse is very high. This class also includes all erythropoietin stimulating substances and their analogues.
- **Class 2:** Drugs placed in this category have a high potential for affecting the outcome of a race. Most are not generally accepted as therapeutic agents in the racing horse. Many are products intended to alter consciousness or the psychic state of humans, and have no approved or indicated use in the horse. Some, such as injectable local anesthetics, have legitimate use in equine medicine, but should not be found in a racing horse. The following groups of drugs are placed in this class:
  - A. Opiate partial agonists, or agonist-antagonists.
  - B. Non-opiate psychotropic drugs. These drugs may have stimulant, depressant, analgesic or neuroleptic effects.
  - C. Miscellaneous drugs, which might have a stimulant effect on the CNS.
  - D. Drugs with prominent CNS depressant action.
  - E. Anti-depressant and antipsychotic drugs, with or without prominent CNS stimulatory or depressant effects.
  - F. Muscle blocking drugs - those that have a direct neuromuscular blocking action.
  - G. Local anesthetics that have a reasonable potential for use as nerve-blocking agents (except procaine).
  - H. Snake venoms and other biologic substances that may be used as nerve-blocking agents.
- **Class 3:** Drugs placed in this class may or may not have an accepted therapeutic use in the horse. Many are drugs that affect the cardiovascular, pulmonary and autonomic nervous systems. They all have the potential of affecting the performance of a racing horse. The following groups of drugs are placed in this class:
  - A. Drugs affecting the autonomic nervous system that do not have prominent CNS effects, but which do have prominent cardiovascular or respiratory system effects. Bronchodilators are included in this class.
  - B. A local anesthetic that has nerve-blocking potential but also has a high potential for producing urine residue levels from a method of use not related to the anesthetic effect of the drug (procaine).
  - C. Miscellaneous drugs with mild sedative action, such as the sleep-inducing antihistamines.
  - D. Primary vasodilating/hypotensive agents.
  - E. Potent diuretics affecting renal function and body fluid composition.
  - F. Anabolic and/or androgenic steroids and other drugs.

- **Class 4:** Drugs in this category comprise primarily therapeutic medications routinely used in racehorses. These may influence performance, but generally have a more limited ability to do so. Groups of drugs assigned to this category include the following:
  - A. Non-opiate drugs that have a mild central antipyretic effect.
  - B. Drugs affecting the autonomic nervous system that do not have prominent CNS, cardiovascular, or respiratory effects:
    1. Drugs used solely as topical vasoconstrictors or decongestants.
    2. Drugs used as gastrointestinal antispasmodics.
    3. Drugs used to void the urinary bladder.
    4. Drugs with a major effect on CNS vasculature or smooth muscle of visceral organs.
  - C. Antihistamines that do not have a significant CNS depressant effect. This does not include the H2 blocking agents, which are in Class 5.
  - D. Mineralocorticoid drugs.
  - E. Skeletal muscle relaxants.
  - F. Anti-inflammatory drugs. These drugs may reduce pain as a consequence of their anti-inflammatory action.
    1. Non-steroidal anti-inflammatory drugs (NSAIDs). (Aspirin-like drugs).
    2. Corticosteroids (glucocorticoids).
    3. Miscellaneous anti-inflammatory agents.
  - G. Less potent diuretics.
  - H. Cardiac glycosides and antiarrhythmic agents.
    1. Cardiac glycosides.
    2. Antiarrhythmic agents (exclusive of lidocaine, bretylium, and propranolol).
    3. Miscellaneous cardiotoxic drugs.
  - I. Topical Anesthetics - agents not available in injectable formulations.
  - J. Antidiarrheal drugs.
  - K. Miscellaneous drugs:
    1. Expectorants with little or no other pharmacologic action.
    2. Stomachics.
    3. Mucolytic agents.

- **Class 5:** Drugs in this category are therapeutic medications that have very localized actions only, such as anti-ulcer drugs, and certain antiallergic drugs. The anticoagulant drugs are also included.

# Alphabetical Substance List

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
2-Aminoheptane	Tuamine	4	B
3,4-methylenedioxypropylprovalerone	MDPV, "bath salts"	1	A
3-Methoxytyramine	3-MT	2	A
Acebutolol	Sectral	3	B
Accecarbromal		2	A
Acenocoumarol		5	C
Acepromazine	Atrovet, Notensil, PromAce®	3	B
Acetaminophen (Paracetamol)	Tylenol, Tempra, etc.	4	C
Acetanilid		4	B
Acetazolamide		4	C
Acetophenazine	Diamox, Vetamox	2	A
Acetophenetidin (Phenacetin)	Tindal	4	B
Acetylsalicylic acid (Aspirin)		4	C
Alclometasone	Aclovate	4	C
Adinazolam		4	C
Adrenochrome monosemicarbazone salicylate		2	A
Albuterol (Salbutamol)		4	B
Alclofenac	Proventil, Ventolin	3	B
Alcuronium		2	B
Aldosterone	Alloferin	2	A
Alfentanil	Aldocortin, Electrocorrin	4	B
Almotriptan	Alfenta	1	A
Alphaprodine	Axert	3	A
Alpidem	Nisentil	2	A
Alprazolam	Anaxyl	2	A
Alprenolol	Xanax	2	A
Althesin		2	A
Amibenonium	Saffan	2	A
Ambroxol	Mytelase, Myeuran	3	B
Amincinide	Ambril, etc.	4	B
Amitlonide	Cyclocort	4	C
Aminocaproic acid	Moduretic; Midamor	4	B
Amiodarone	Amicar, Caprocid	4	C
Aminophylline		4	B
Aminopyrine	Aminophyllin, etc.	3	B
		4	B
Aminorex	Aminoxafen, Aminoxaphen, Apiqueil, McN-742, Menocil	1	A
Amisometradine	Rolictron	4	B

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Amisulpride	Solian	2	A
Amitraz	Mitaban	3	B
Amitriptyline	Elavil, Amitril, Endep	2	A
Amlodipine	Ammivin, Norvasc	3	B
Amobarbital	Amytal	2	A
Amoxapine	Asendin	2	A
Amperozide		2	A
Amphetamine		1	A
Amrinone		4	B
Amyl nitrite		2	A
Anileridine	Leritine	1	A
Anilopam	Anisine	2	A
Anisindione		5	D
Anisotropine	Valpin	4	B
Antipyrine		4	B
Apazone (Azapropazone)		4	B
Apomorphine	Rheumox	4	B
Aprindine		1	A
Aprobarbital		4	B
Arcoline	Alurate	2	A
Arformoterol		3	A
		3	B
Articaine	Septocaine; Ultracaine, etc.	2	A
Atenolol	Tenormin	3	B
Atipamazole		2	B
Atomoxetine	Strattera	2	A
Atracurium	Tracrium	2	A
Atropine		3	B
Azacylonol	Frenque	2	A
Azaperone	Stresnil, Suicalm, Fentaz (with Fentanyl)	2	A
Baclofen		4	B
Barbital	Veronal	2	A
Barbiturates		2	A
Beclomethasone	Propaderm	4	C
Bemegride	Megimide, Mikedimide	2	A
Benazepril	Lotrel, Lotensin	3	B
Bendroflumethiazide	Naturetin	4	B
Benoxaprofen		2	B
Benoxinate	Dorsacaine	4	C

# Alphabetical Substance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Benperidol	Anquil	2	A
Benzazepam	Tiadipona	2	A
Benzactizine	Deprol, Bronchodilleten	2	A
Benzocaine		4	B
Benzocaine		2	A
Benzodiazepines		2	A
Benzonatate	Tessalon, Tessalon Perles, Zonatuss	2	A
Benzphetamine	Didrex	2	A
Benzthiazide		4	B
Benztropine	Cogentin	2	A
Benzylpiperazine (BZP)		1	A
Bepridil		4	B
Betamethasone	Bepadin	4	B
Betaxolol	Betason, etc.	4	C
Bethanechol	Kerlone	3	B
Bethanidine	Urecholine, Duvoid	4	C
Biperiden	Esbatal	3	A
Biperone	Akineton	3	A
Bisoprolol		2	A
Bitolterol	Zebeta, Bisobloc, etc.	3	B
Bolasterone	Effectin	3	A
Boldenone		3	A
Boldione	Equipoise	3	B
Bretylum		3	A
Brimonidine	Breylol	3	B
Bromazepam	Alphagan	2	A
Bromfenac	Lexotan, Lectopam	2	A
Bromhexine	Duract	3	A
Bromisovalum	Oletor, etc.	4	B
Bromocriptine	Diffucord, etc.	2	A
Bromodiphenhydramine	Parlodel	2	A
Bromperidol		3	B
Brompheniramine	Bromidol	2	A
Brotizolam	Dimetane, Disomer	3	B
Budesonide	Brotocol	2	A
Bufexamac	Pulmacort, Rhinocort	4	C
Bumetanide		3	A
Bupivacaine	Bumex	3	B
Buprenorphine	Marcaine	2	A
Bupropion	Temgesic	2	A
Buspiron	Wellbutrin	2	A
Butabarbital (Secbutobarbitone)	Buspar	2	A
Butacaine	Butacaps, Butasol, etc.	2	A
Butalbital (Talbutal)	Butyn	2	A
	Fiorinal	2	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Butamben (butyl aminobenzoate)	Butesin	4	C
Butanilcaine	Hostacain	2	A
Butaperazine	Repoise	2	A
Butocamide	Listomin	2	A
Butorphanol	Stadol, Torbugesic	3	B
Butoxycaine	Stadacain	4	B
N-Butylscopolamine		4	C
Caffeine		2	B
Calusterone	Methosorb	3	A
Camazepam	Paxor	2	A
Camphor		4	C
Candesartan	Atcand	3	B
Captodiame	Covatine	2	A
Captopril	Capolen	3	B
Carazolol	Carbacef, Conducton	3	A
Carbachol	Lentin, Doryl	3	B
Carbamazepine	Tegretol	3	B
Carbazochrome		4	B
Carbidopa + levodopa	Sinemet	2	A
Carbinoxamine	Clistin	3	B
Carbromol	Mifudorm	2	A
Carfentanil		1	A
Carisoprodol	Rela, Soma	2	B
Carphenazine	Proketazine	2	A
Carpipramine	Prazmil	2	A
Carprofen	Rimadyl	4	B
Carteolol	Cartrol	3	B
Carticaine (see artiacaine)	Septocaine; Ultracaine, etc.	2	A
Carvedilol	Coreg	3	B
Cathinone	khat, kat, qat, quat, chat, catha, Abyssinian tea, African tea	1	A
Celecoxib	Celebrex	3	B
Cefirizine	Zyrtec	4	C
Chloral betaine	Beta-Chlor	2	A
Chloral hydrate	Nactec, Oridrate, etc.	2	A
Chloraldehyde (chloral)		2	A
Chloralose (Alpha-Chloralose)		2	A
Chlordiazepoxide	Librium	2	A
Chlorhexidol		2	A
Chlormerodrin	Neohydrin	4	B
Chlormezanone	Trancopal	2	A
Chloroform		2	A
Chlorophenesin	Maolate	4	C

## Alphabetical Su.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Chlorprocaine	Nesacaine	2	A
Chloroquine	Avloclor	4	C
Chlorothiazide	Diuril	4	B
Chlorpheniramine	Chlortrimeton, etc.	4	B
Chlorprothazine	Newipleg	2	A
Chlorpromazine	Thorazine, Largactil	1	A
Chlorprothixene	Taractan	2	A
Chlorthalidone	Hydron	4	B
Chlorzoxazone	Paraflex	4	B
Ciclesonide		4	C
Cilostazol	Pletal	4	B
Cimetrol		3	A
Cimetidine	Tagamet	5	D
Cinchocaine	Nupercaine	2	A
Citalopram	Celex	2	A
Clanobutin		4	B
Clemastine	Tavist	3	B
Clenbuterol	Ventipulmin	3	B
Clitbacaine	Batraz	2	A
Clidinium	Quarezan, Clindex, etc.	3	B
Clobazam	Urbanyl	2	A
Clobetasol	Temovate	4	C
Clocapramine		2	A
Clocortolone	Cloderm	4	C
Clofenamide		4	B
Clomethiazole (Chlormethiazole)		2	A
Clomipramine	Anafranil	2	A
Clonazepam	Klonopin	2	A
Clonidine	Catapres	3	B
Clorzepate	Tranxene	2	A
Clormecaine	Placacid	2	A
Clostebol		3	A
Clothiapine	Entermin	2	A
Clotiazepam	Treacalm, Rize	2	A
Cloxacolam	Enadel, Sepazon, Tolestan	2	A
Clozapine	Clozaril, Leponex	2	A
Cobalt		3	B <sup>1</sup>
a-Cobratroxin		1	A
Cocaine		1	A
Codeine		1	A

<sup>1</sup> For cobalt concentrations of less than 25 parts per billion (ppb) of blood serum or plasma no penalty is recommended. For concentrations of 25 ppb or greater but less than 50 ppb of blood plasma or serum the recommended penalty is a written warning, the placement of the horse on the Veterinarians List with removal from list only after a blood test confirms that the concentration is below 25 ppb of blood plasma

## ance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Colchicine		4	B
Conorphone		2	A
Corticaine	Ultracain	2	A
Cortisone	Cortone, etc.	4	C
Cromolyn	Intel	5	D
Crotetamide		2	A
Cyamemazine	Tercian	2	A
Cyclandelate	Cyclospasmol	3	A
Cyclizine	Merazine	3	B
Cyclobarbitol	Phanodorm	2	A
Cyclobenzaprine	Flexeril	4	B
Cyclomethycaine	Surfacaine	4	C
Cyclothiazide	Anhydron, Renazide	4	B
Cycrimine	Pagitan	3	B
Cyproheptadine	Pertactin	3	B
Danazol	Danocrine	3	B
Dantrolene	Dantrium	4	C
Darbepoetin	Aranesp	1	A
Decamethonium	Syncurine	2	A
Dehydrochloromethyltestosterone		3	A
Dembroxol (Dembrexine)	Sputolysin	4	C
Demoxepam		2	A
Deoxycorticosterone	Percortin, DOCA, Descotone, Dorcostrin	4	C
Deracoxib	Deremaxx	3	B
Dermorphin		1	A
Desipramine	Norpromine, Pertofrane	2	A
Desonide	Des Owen	4	C
Desoximetasone	Topicort	4	C
Desoxymethyltestosterone		3	A
Detomidine	Dormosedan	3	B
Dexamethasone	Azium, etc.	4	C
Dextromethorphan		4	B
Dextromoramide	Palfium, Narcolo	1	A
Dextropropoxyphene	Darvon	3	B
Dezocine	Dalgan	2	A
Diamorphine		1	A
Diazepam	Valium	3	B
Diazoxide	Proglycem	3	B
Dibucaine	Nupercainal, Cinchocaine	2	B

or serum. Testing shall be paid by the owner(s) of the horse. Concentrations of 50 ppb or greater in blood plasma or serum have a recommended "B" penalty.

# Alphabetical Substance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Dichloralphenazone	Febenol, Isocom	2	A
Dichlorophenamide	Daramide	4	C
Diclofenac	Voltaren, Voltarol	4	C
Dicumarol	Dicumarol	5	D
Diethylpropion	Tepamil, etc.	2	A
Diethylthiambutene	Themalon	2	A
Diflorasone	Florone, Maxiflor	4	C
Difluortolone	Flu-Cortinest, etc.	4	C
Diflunisal		4	C
Digitoxin	Crystdigin	3	B
Digoxin	Lanoxin	4	B
Dihydrocodeine	Parcodin	4	B
Dihydroergotamine		4	B
Diflorazepam	Briantum	2	A
Diltiazem	Cardizem	4	B
Dimefline		3	A
Dimethisoquin	Quotane	4	B
Dimethylsulfoxide (DMSO)	Domoso	4	C
Diphenadione		5	C
Diphenhydramine	Benadryl	3	B
Diphenoxylate	Difenoxin, Lomotil	4	B
Diprenorphine	M50/50	2	A
Dipyridamole	Persantine	3	B
Dipyrrone	Novin, Methampyrone	4	C
Disopyramide	Norpace	4	B
Divalproex	Depakote	3	A
Dixrazine	Esucos	2	A
Dobutamine	Dobutrex	3	B
Dopamine	Intropin	2	A
Donepezil	Aricept	1	A
Doxacurium	Nuromax	2	A
Doxapram	Dopram	2	A
Doxazosin		3	A
Doxefazepam	Doxans	2	A
Doxepin	Adapin, Sinequan	2	A
Doxylamine	Decapryn	3	B
Dromostanolone	Drolban	3	B
Droperidol	Inapsine, Droleptan, Innovar-Vet (with Fentanyl)	2	A
Duloxetine		2	A
Dyclonine	Dyclone	4	C
Dyphylline		3	B
Edrophonium	Tensilon	3	B
Eletripan	Relpax	3	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Eitenac		4	B
Enalapril (metabolite enalaprilat)	Vasotec	3	A
Enciprazine		2	A
Endorphins		1	A
Enkephalins		1	A
Ephedrine		2	A
Epibatidine		2	A
Epinephrine		2	A
Ergoloid mesylates (dihydroergocormine mesylate, dihydroergocristine mesylate, and dihydroergocryptine mesylate)		2	A
Ergonovine	Ergotrate	4	C
Ergotamine	Gynergen, Cafergot, etc.	4	B
Ethiryl tetranitrate	Cardilate	3	A
Erythropoietin (EPO)	Epogen, Procrit, etc.	1	A
Esmolol	Brevibloc	3	B
Esomeprazole	Nexium	5	D
Estazolam	Domnamid, Eurodin, Nuctalon	2	A
Etamiphylline		3	B
Etanercept	Enbrel	4	B
Ethacrynic acid	Edecrin	3	B
Ethamivan		2	A
Ethanol		2	A
Ethchlorvynol	Placidyl	2	A
Ethinamate	Valmid	2	A
Ethiohexazine	Zactane	2	A
Ethopropazine	Parsidol	2	A
Ethosuximide	Zarontin	3	A
Ethotoin	Peganone	4	B
Ethoxzolamide	Cardrase, Ethamide	4	C
Ethylaminobenzoate (Benzocaine)	Semets, etc.	4	C
Ethylestrenol	Maxibolin, Organon	3	B
Ethylisobutrazine	Diquel	2	A
Ethylmorphine	Dionin	1	A
Ethylnorepinephrine	Bronkephrine	3	A
Ethyphenidate		1	A
Etidocaine	Duranest	2	A
Etifoxin	Stresam	2	A
Etizolam	Depas, Pasaden	2	A
Etodolac	Lodine	3	B
Etodroxizine	Indunox	2	A
Etomidate		2	A
Etorphine HCl	M99	1	A

# Alphabetical Sub

# ance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Famotidine	Gaster, etc.	5	D
Felbamate	Felbatol	3	B
Felodipine	Plendil	4	B
Fenarhamate	Tymium	2	A
Fenbutafen	Cincopal	3	B
Fenclozic acid	Myalex	2	B
Fenfluramine	Pondimin	2	A
Fenoldopam	Corloпам	3	B
Fenopropfen	Nalfon	3	B
Fenoterol	Berotec	3	B
Fenspiride	Respiride, Respan, etc	3	B
Fentanyl	Sublimaze	1	A
Fentiazac		3	B
Fexofenadine	Allegra	4	C
Firocoxib		4	C
Flecainide	Idalon	4	B
Floctafenine	Idalon, Idarac	4	B
Flunisonone	Sedalande	2	A
Fludiazepam	Erisпам	2	A
Fludrocortisone	Alforone, etc.	4	C
Flufenamic acid		3	B
Flumethasone	Flucort, etc.	4	C
Flumethiazide	Ademol	4	B
Flunarizine	Sibelium	4	B
Flunisolide	Bronilide, etc.	4	C
Flunitrazepam	Rohypnol, Narcozep, Darkene, Hypnodorm	2	A
Flunixin	Banamine	4	C*
Fluocinolone	Synalar	4	C
Fluocinonide	Licon, Lidex	4	C
Fluopromazine	Psyquil, Siquil	2	A
Fluoresone	Caducid	2	A
Fluorometholone	FML	4	C
Fluoroprednisolone	Prozac	2	A
Fluoxetine	Halofestin	3	B
Fluoxymesterone	Depixol, Fluaxol	2	A
Flupentixol	Prolixin, Permittil, Anatsensol, etc.	2	B
Fluphenazine	Katadolone	3	A
Flupirtine	Alphadrol	4	C
Fluprednisolone	Cordran	4	C
Flurandrenolide	Dalmane	2	A
Flurazepam	Froben	3	B
Flurbiprofen	Imap, Redepitin	2	A
Fluspirlilene			

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Fluticasone	Flixonase, Flutide	4	C
Flutoprazepam	Restas	2	A
Fluvoxamine	Dumirox, Faverin, etc.	2	A
Formebolone	Altram	3	B
Formoterol	Monopril	3	A
Fosphenytoin	Cerebyx	3	B
Furazabol		3	A
Furosemide	Lasix	N/A	
Gabapentin	Neurontin	3	B
Galantamine	Reminyl	2	A
Gallamine	Flaxedil	2	A
Gamma Aminobutyric Acid (GABA)	Carolina Gold	3	B
Gepirone		2	A
Gestrinone		3	A
Glutethimide	Doriden	2	A
Glycopyrrrolate	Robinul	4	C
Guafenesin (glycerol guaiacolate)	Gecolate	4	C
Guanadrel	Hyorel	3	A
Guanethidine	Ismelin	3	A
Guanabenz	Wytensin	3	B
Halazepam	Paxipam	2	A
Halcinonide	Halog	4	C
Halobetasol	Ultravate	4	C
Haloperidol	Haldol	2	A
Haloxazolam	Somelin	2	A
Hemoglobin glutamers	Oxyglobin Hemopure	2	A
Heptaminol	Corofundol	3	B
Heroin		1	A
Hexafluorenum	Myalexen	2	A
Hexobarbital	Evipal	2	A
Hexocycium	Tral	4	B
Hexyleaine	Cyclaine	2	B
Homatropine	Homapin	3	B
Homophenazine	Pelvichthol	2	A
Hydralazine	Aprsoline	3	B
Hydrochlorthiazide	Hydrodiuril	4	B
Hydrocodone (dihydrocodienone)	Hycodan	1	A
Hydrocortisone (Cortisol)	Cortef, etc.	4	C
Hydroflumethiazide	Saluron	4	B
Hydromorphone	Dilaudid	1	A
Hydroxyamphetamine	Paradrine	1	A
4-Hydroxytestosterone		3	B
Hydroxyzine	Atarax	2	B
Ibomal	Noctal	2	A



# Alphabetical Substance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Ibuprofen	Motrin, Advil, Nurpin, etc.	4	C
Ibutilide	Corvert	3	B
Iloprost	Ventavis	3	A
Imipramine	Imavate, Prossamine, Tofranil	2	A
Indomethacin	Indocin	3	B
Infliximab	Remicade	4	B
Ipratropium		3	B
Irbesartan	Avapro	3	A
Isapirone		2	A
Isocarboxazid	Marplan	2	A
Isoetharine	Bronkosol	3	B
Isoflupredone	Predef 2x	4	C
Isomethadone		2	A
Isomethoptene	Octin, Octon	4	B
Isopropamide	Darbid	4	B
Isoproterenol	Isoprel	2	A
Isosorbide dinitrate	Isordil	3	B
Isoxicam	Maxicam	2	B
Isoxsuprine	Vasodilan	4	D
Isradipine	DynaCirc	4	B
Kebuzone		3	B
Ketamine	Ketalar, Ketaset, Vetalar	2	B
Ketazolam	Anxon, Laftram, Solatran, Loftran	2	A
Ketoprofen	Orudis	4	C*
Ketorolac	Toradol	3	A
Labelalol	Normodyne	3	B
Lamotrigine	Lamictal	3	A
Lansoprazole		5	D
Lempirone	Elanone-V	2	A
Letosteine	Viscotol, Visiotol	4	B
Levamisole		2	B
Levobunolol	Betagan	3	B
Levomethorphan		2	A
Levorphanol	Levo-Dremoran	1	A
Lidocaine	Xylocaine	2	B
Lisinopril	Prinivil, Zestril	3	A
Lithium	Lithium, Duralith, etc.	2	A
Lobeline		2	A
Lofentamil		1	A
Loflazepate, Ethyl	Victan	2	A
Loperamide	Imodium	3	B
Loprazolam	Dormonort, Haviane	2	A
Loratidine	Claritin	4	C

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Lorazepam	Ativan	2	A
Lormetazepam	Noctamid	2	A
Losartan	Hyzaar	3	B
Loxapine	Laxitane	2	A
Mabuterol		3	A
Maprotiline	Ludiomil	2	A
Mazindol	Sanorex	1	A
Mebutamate	Axiten, Dormate, Capla	2	A
Mecamylamine	Inversine	3	B
Meclizine	Antivert, Bonine	3	B
Meclofenamic acid	Arquel	4	C
Meclofenoxate	Lucidril, etc.	2	A
Medazepam	Nobrium, etc.	2	A
Medetomidine	Domitor	3	B
Medrysone	Medrusar, etc.	4	C
Mefenamic acid	Ponstel	3	B
Meldonium	Mildronate, et al	1	A
Meloxicam	Mobic	4	B
Melperone	Eunepan	2	A
Memantine	Namenda	2	A
Meparfynol	Oblivon	2	A
Mepazine	Pacatal	2	A
Meperidine	Cantil	3	B
Mephenesin	Demerol	1	A
Mephenoxalone	Tolserol	4	B
Mephentermine	Control, etc.	2	A
Mephénytoin	Wyamine	1	A
Mephobarbital	Mesantoin	2	A
(Methylphenobarbital)	Mebaral	2	A
Mepivacaine	Carbocaine	2	B
Meprobamate	Equanil, Miltown	2	A
Meralluride	Mercuhydrin	4	B
Merbaphen	Novasural	4	B
Mercaptomerin	Thiomerin	4	B
Mercumatin	Cumertilin	4	B
Mersaryl	Salyrgan	4	B
Mesalamine	Asacol	5	C
Mesordiazine	Serentil	2	A
Mestanolone		3	A
Mesterolone		3	A
Metaciazepam	Talis	2	A
Metaproterenol	Alupent, Metaprel	3	B
Metaraminol	Aramine	1	A
Metaxalone	Skelaxin	4	B

# Alphabetical Sub

# ance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Metazocine			
Methenolone	Primobolan	2	A
Methacholine		3	A
Methadone	Dolophine	3	A
Methamphetamine	Desoxyn	1	A
Methandrostenolone	Dianobal	1	A <sup>3</sup>
Methandriol (Methylandrostenediol)	Probolin	3	A
Methamfetamine	Bantherine	3	B
Methapyrilene	Histadyl, etc.	3	B
Methaqualone	Quaalude	1	A
Metharbital	Gemonil	2	A
Methasterone		2	A
Methazolamide	Naptazane	3	A
Methcathinone		4	C
Methdilazine	Tacaryl	1	A
Methixene	Trest	3	B
Methocarbamol	Robaxin	3	A
Methohexital	Brevital	4	C
Methotrexate	Folex, Nexate, etc.	2	A
Methotrimeprazine	Levoprome, Neurocil, etc.	4	B
Methoxamine	Vasoxyl	2	A
Methoxyphenamine	Orthoxide	3	A
Methscopolamine	Pamine	3	A
Methsuximide	Celontin	4	B
Methylatropine		4	B
Methylclothiazide	Enduron	3	B
Methyldienolone		4	B
Methyldopa	Aldomet	3	A
Methylhexanamine (Methylhexaneamine)	Geranamine	1	A
Methylgonovine	Methergine	4	C
Methyltestosterone (Trestolone)		3	A
Methylphenidate	Ritalin	1	A
Methylprednisolone	Medrol	4	C
Methyltestosterone	Metandren	3	A
Methyl-1-testosterone		3	A
Methypyrilone	Noludar	2	A
Methysergide	Sansert	4	B
Metamide		4	B
Metoclopramide	Reglan	4	C
Metocurine	Metubine	2	A
Metolazone		3	B

<sup>3</sup> Recommended Penalty B if testing can prove presence of only levo-methamphetamine is present in sample.

Association of Racing Commissioners International, Inc.

Uniform Classification Guidelines for Foreign Substances

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Metomidate	Hypnodil		
Metopon (methyldihydromorphinone)		2	A
Metoprolol	Lopressor	1	A
Mexazolam	Melex	3	B
Mexiletine	Mexitil	2	A
Mibefradil	Posicor	4	B
Mibolerone		3	B
Midazolam	Versed	3	B
Midodrine	Pro-Amiline	3	B
Mirinone		3	B
Minoxidil		4	B
Minoxidil	Loniten	3	B
Mirtazepine	Remeron	3	B
Misoprostol	Cytotec	2	A
Mivacurium	Mivacron	5	D
Modafinil	Provigil	2	A
Moexipril (metabolite, moexiprilat)	Uniretic	2	A
Molindone	Moban	3	B
Mometasone		2	A
Montelukast	Elocon	4	A
Moperone	Singulair	4	C
Morphine	Luvatron	4	C
Morphine		2	A
Mosaprimine		1	A
Mosaprimine		2	A
Muscarine		3	A
myo-inositol trispyrophosphate (ITPP)		3	A
Nabumetone	myo-inositol trispyrophosphate (ITPP)	1	A
Nadolol	Anthraxan, Relafen, Reiflex	3	A
Nacpaine	Corgard	3	A
Nalbuphine	Amylsine	3	B
Nalorphine	Nubain	2	A
Naloxone	Nalline, Lethidrone	2	A
Naltrexone	Narcan	2	A
Naltrexone	Revia	3	B
Nandrolone	Nandrolin, Laurabolin, Durabolin	3	B
Naphazoline	Privine	4	B
Naproxen	Equiproxen, Naprosyn	4	C
Naratriptan	Amerge	4	C
Nebivolol		3	B
Nedocromil	Tilade	3	A
Nefazodone	Serzone	5	D
Nefopam		2	A
Nefopam		3	A

# Alphabetical Substance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Neostigmine	Prostigmine	3	B
Nicardipine	Cardine	4	B
Nifedipine	Procardia	4	B
Niflumic acid	Nifluril	3	B
Nikethamide	Coramine	1	A
Nimesulide		3	B
Nimetazepam	Erimin	2	A
Nimodipine	Nemotop	4	B
Nitrazepam	Mogadon	2	A
Nitroglycerin		2	B
Nizatidine	Axid	5	D
19-Norandrostenediol		3	B
19-Norandrostenedione		3	B
Norbolethone/Norbolestone		3	A
Norclostebol		3	A
Nordiazepam		2	A
Norepinephrine	Calmday, Nordaz, etc.	2	A
Norethandrolone		3	A
Nortosterone		3	B
Nortriptyline	Aventyl, Pamelor	2	A
Nylidrine	Artidin	3	A
Olanzapine	Zyprexa	2	A
Olmesartan	Benicar	3	A
Olisalazine	Dipentum	5	C
Omeprazole	Prilosec, Losec	5	D
Orphenadrine	Norlifix	4	B
Oxabolone		3	A
Oxandrolone	Anavar	3	B
Oxaprozin	Daypro, Deflam	4	B
Oxazepam	Serax	2	A
Oxazolam	Serenal	2	A
Oxcarbazepine	Trileptal	3	A
Oxilofrine (hydroxyephedrine)		2	A
Oxprenolol	Trasicor	3	A
Oxycodone	Percodan	1	A
Oxymesterone		3	B
Oxymetazoline	Afrin	4	B
Oxymetholone	Adroyd, Anaadrol	3	B
Oxymorphone	Numorphan	1	A
Oxyperitine	Forit, Integrin	2	A
Oxyphenbutazone	Tandearil	4	C
Oxyphenylimine	Daricon	4	B
Oxyphenonium	Antrenyl	4	B
Paliperidone		2	A
Pancuronium	Pavulon	2	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Pantoprazole	Protonix	5	D
Papaverine	Pavagen, etc.	3	A
Paraldehyde	Paral	2	A
Paramethadione	Paradione	3	A
Paramethasone	Haldrone	4	C
Pargyline	Eutonyl	3	A
Paroxetine	Paxil, Seroxat	2	A
Penmoline	Cylert	1	A
Penbutolol	Levatol	3	B
Penfluridol	Cyperon	2	A
Pentaerythritol tetranitrate	Duotrate	3	A
Pentazocine	Talwin	3	B
Pentobarbital	Nembutal	2	A
Pentoxyfylline	Trental, Vazofirin	4	D
Pentylenetetrazol	Metrazol, Nitric	1	A
Perazine	Taxilan	2	A
Perfluorodecolin		2	A
Perfluorodecahydronophthalene		2	A
Perfluoroethylbromide		2	A
Perfluorotripropylamine		2	A
Perfluorocarbons		2	A
Pergolide	Permax	3	B
Periciazine	Alodept, etc.	2	A
Perindopril	Biprel	3	A
Periapine	Hypnodin	2	A
Perphenazine	Trilafon	2	A
Phenacemide	Phenurone	4	B
Phenaglycodol	Acalo, Alcamid, etc.	2	A
Phenazocine	Narphen	1	A
Phencyclidine (PCP)	Sernylan	1	A
Phendimetrazine	Bontril, etc.	1	A
Phenelzine	Nardelzine, Nardil	2	A
Phenindione	Hedulin	5	D
Phenmetrazine	Preludin	1	A
Phenobarbital	Luminal	2	A
Phenoxybenzamine	Dibenzyline	3	B
Phenprocoumon	Liquamar	5	D
Phensuximide	Milontin	4	B
Phentermine	Iomamin	2	A
Phentolamine	Regitine	3	B
Phenylbutazone	Butazolidin	4	C*
Phenylephrine	Isophrin, Neo-Synephrine	3	B
Phenylpropanolamine	Propadrine	3	B
Phenytoloin	Dilantin	4	B
Physostigmine	Eserine	3	A

# Alphabetical Substances

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Picrotoxin		1	A
Pimodine	Alvodine, Cimadon	2	A
Pimozide	Orap	2	A
Pinazepam	Domar	2	A
Pindolol	Viskin	3	B
Pipamperone	Dipiperon	2	A
Pipecuronium	Arduan	2	A
Pipecqualine		2	A
Piperacetazine	Psymod, Quide	2	A
Piperocaine	Metycaine	2	A
Pipotiazine	Lonseren, Piportil	2	A
Pipradrol	Dataril, Gerondyl, etc.	2	A
Piquindone		2	A
Pirbuterol	Maxair	3	B
Pirenzepine	Gastrozepin	5	C
Piretanide	Arelis, Tauliz	3	B
Piritramide		1	A
Piroxicam	Feldene	4	B
Polyethylene glycol		5	D
Polythiazide	Renese	4	B
Pramoxine	Tronothaine	4	C
Prazepam	Verstran, Centrax	2	A
Prazosin	Minipress	3	B
Prednisolone	Delta-Cortef, etc.	4	C
Prednisone	Meticorten, etc.	4	C
Prilocaine	Citanest	2	A
Primidone	Mysoline	3	B
Probenecid		4	C
Procainamide	Pronestyl	4	B
Procaine		3	B
Procateterol	Pro Air	3	A
Prochlorperazine	Darbazine, Compazine	2	A
Procyclidine	Kemadrin	3	B
Promazine	Sparine	3	B
Promethazine	Phenergan	3	B
Propafenone	Rythmol	4	B
Propanidid		2	A
Propranolol	Pro-Banthaline	3	A
Proparacaine	Ophthaine	4	C
Propentophylline	Karstvan	3	B
Propiomazine	Largon	2	A
Propionylpromazine	Tranvet	2	A
Propiram		2	A
Propofol	Diprivan, Disoprivan	2	A
Propoxycaine	Ravocaine	2	A

# ance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Propranolol	Inderal	3	B
Propylhexedrine	Benzedrex	4	B
Prostanazol		3	A
Prothipendyl	Dominal	2	A
Protokylol	Ventaire	3	A
Protriptyline	Concordin, Triptil	2	A
Proxibarbitol	Axeen, Centralgol	2	A
Pseudoephedrine	Cenafed, Novafed	3	B
Pyridostigmine	Mestinon, Regonol	3	B
Pyrilamine	Neoantergan, Equihist	3	B
Pyrixyldione	Hybersulfan, Sonodor	2	A
Quazipam	Doral	2	A
Quetiapine	Seroquel	2	A
Quinbolone		3	A
Quinapril, Quinaprilat	Accupril	3	A
Quinidine	Quinidex, Quinicardine	4	B
Rabeprazole	Aciphex	5	D
Racemethorphan		2	A
Racemorphan		2	A
Raclopride		2	A
Ractopamine	Paylean	2	A
Ramipril, metabolite Ramiprilat	Altace	3	A
Ranitidine	Zantac	5	D
Remifentanyl	Ultiva	1	A
Remoxipride	Roxiam	2	A
Reserpine	Serpasil	2	B
Rilmazafone		2	A
Risperidone		2	A
Ritanserin		2	A
Ritodrine	Yutopar	3	B
Rivastigmine	Exelon	2	A
Rizatriptan	Maxalt	3	B
Rocuronium	Zemuron	2	A
Rofecoxib	Vioxx	2	B
Romifidine	Sedivet	3	B
Ropivacaine	Naropin	2	A
Salicylamide		4	C
Salicylate		4	C
Salmeterol		3	B
Scopolamine (Hyoscine)	Triptone	4	C
Secobarbital (Quinalbarbitone)	Seconal	2	A
Selegiline	Eldepryl, Jumex, etc.	2	A
Sertraline	Lustral, Zoloft	2	A
Sibutramine	Meridia	3	B
Sildenafil	Viagra	3	A

# Alphabetical Substance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Snake Venoms			
Somatropin	Nutropin	1	A
Somatrem	Protropin	2	A
Sotalol	Betapace, Sotacor	2	A
Spiclomazine		3	B
Spiperone		2	A
Spirapril, metabolite Spiraprilat		2	A
Spironalactone	Renomax	3	A
Stanozolol	Aldactone	4	B
Stenbolone	Winstrol-V	3	B
Strychnine		3	A
Succinylcholine		1	A
Sufentanil	Sucostrin, Quelin, etc.	2	A
Sulfasalazine	Sufenta	1	A
Sulfondiethylmethane	Azulfidine, Azaline	4	C
Sulfomethane		2	A
Sulforidazine		2	A
Sulindac	Inofal	2	A
Sulpiride	Climoril	3	A
Sultopride	Aiglonyl, Sulpitil	2	A
Sumatriptan	Barnetil	2	A
Synthetic cannabis	Imitrex	3	B
Tadalafil	Spice, K2, Kronik	1	A
Talbutal	Cialis	3	A
Tandospirone	Lotusate	2	A
TCO <sub>2</sub>		2	A
Telmisartan		3	B
Temazepam	Micardis	3	B
Tenoxicam	Restoril	2	A
Tepoxalin	Alganex, etc.	3	B
Terazosin		3	B
Terbutaline	Hytrin	3	A
Terfenadine	Brethine, Bricanyl	3	B
Testolactone	Seldane, Triludan	4	C
Testosterone	Teslac	3	B
Tetrabenazine		3	B
Tetracaine	Nitoman	2	A
Tetrahydrogestrinone	Pontocaine	2	A
Tetrahydrozoline		3	A
Tetrazeepam	Tyzine	4	B
Thebaine	Musaril, Myolastin	2	A
Theobromine		2	A
Theophylline		4	B
Thialbarbital	Aqualphyllin, etc.	3	B
Thiamylal	Kemithal	2	A
	Surital	2	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Thiethylperazine	Torecan	2	A
Thiopental	Pentothal	2	A
Thiopropazate	Dartal	2	A
Thiopropazine	Majeptil	2	A
Thioridazine	Mellaril	2	A
Thiosalicylate		4	B
Thiothixene	Navane	2	A
Thiophenamil	Trocinate	4	B
Tiaprside	Italprid, Luxoben, etc.	2	A
Tiaprofenic acid	Surgam	3	B
Tiletamine	Component of Telazol	2	A
Timiperone	Totopelon	2	A
Timolol	Blocardrin	3	B
Tocainide	Tonocard	4	B
Tofisopam	Grandaxain, Seriel	2	A
Tolazoline	Priscoline	3	B
Tolmetin	Tolmetin	3	B
Topiramate	Topamax	2	A
Torsemide (Torasemide)	Demadex	3	A
Tramadol	Ultram	2	B
Trandolapril (and metabolite,trandolaprilat)	Tarka	3	B
Tranexamic acid		4	C
Tranylcypromine	Parnate	2	A
Trazodone	Desyrel	2	A
Trenbolone	Finoplax	3	B
Tretoquinol	Inolin	2	A
Triamcinolone	Vetalog, etc.	4	C
Triamterene	Dyrenium	4	B
Triazolam	Halcion	2	A
Tribromethanol		2	A
Tricaine methanesulfonate	Finquel	2	A
Trichloromethiazide	Naqua, Naquasone	4	C
Trichloroethanol		2	A
Trichloroethylene	Trilene, Trimar	2	A
Triclofos	Triclos	2	A
Tridihexethyl	Pathilon	4	B
Trifluomeprazine	Nortran	2	A
Trifluoperazine	Stelazine	2	A
Trifluoperidol	Triperidol	2	A
Trifluopromazine	Vetame, Vesprin	2	A
Trihexyphenidyl	Artane	3	A
Trimeprazine	Temaril	4	B
Trimethadione	Tridione	3	B
Trimethaphan	Arfonad	3	A

# Alphabetical Substance List (Cont)

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Trimipramine	Surmontil	2	A
Tripelennamine	PBZ	3	B
Tripolidine	Actidil	3	B
Tubocurarine (Curare)	Metubin	2	A
Tybamate	Benvil, Nospan, etc.	2	A
Urethane		2	A
Valdecoxib		2	A
Valerianic acid		3	A
Valnoctamide		2	A
Valsartan	Nirvanyl	3	B
Vardenafil	Diovan	3	B
Vedaprofen	Levitra	3	A
Venlafaxine		4	B
Venlafaxine	Efflexor	2	A
Verapipride	Accional, Verapipri	2	A
Verapamil	Calan, Isoptin	4	B
Vercuronium	Norcuron	2	A
Viloxazine		2	A
Vinbarbital	Catrol, Vivalan, etc.	2	A
Vinylbital	Delvinol	2	A
Warfarin	Optanox, Speda	2	A
Xylazine	Coumadin, Coufarin	5	D
Xylometazoline	Rompun, Bay Va 1470	3	B
Yohimbine	Otrivin	4	B
Zafirlukast		2	B
Zaleplon	Accolate	4	C
Zeranol	Sonata	2	A
Ziconotide	Ralgro	4	C
Zileuton		1	A
Zilpaterol hydrochloride	Zyflo	4	C
Ziprasidone	Zilpaterol	2	A
Zolazepam	Geoden	2	A
Zolmitriptan		2	A
Zolpidem	Zomig	2	A
Zomepirac	Ambien, Stilnox	3	B
Zonisamide	Zomax	2	A
Zopiclone	Zonegran	3	B
Zotepine	Imovan	2	A
Zuclopenthixol	Lodopin	2	A
Δ-1-androstene-3, 17-diol	Ciatyl, Cesordinol	2	A
Δ-1-androstene-3, 17-dione		3	A
Δ-1-dihydrotestosterone		3	A

\*See Recommended Penalty Section of Document

## Listing by Classification

**Class 1:** Stimulant and depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in the racing horse. Many of these agents are Drug Enforcement Agency (DEA) Schedule II substances. These include the following drugs and their metabolites: Opiates, opium derivatives, synthetic opioids, psychoactive drugs, all DEA Schedule I\* substances (see <http://www.usdoj.gov/dea/pubs/scheduling.html>), amphetamines and amphetamine-like drugs as well as related drugs, including but not limited to apomorphine, nikethamide, mazindol, pemoline, and pentylenetetrazol. This class also includes all erythropoietin stimulating substances and their analogues.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class	Drug Substance	Trade Name(s)	Drug Class	Penalty Class
3,4-methylenedioxypropylprovalerone	MDPV, "Bath Salts"	1	A	Hydromorphone	Dilaudid	1	A
Alfentanil	Alfenta	1	A	Hydroxyamphetamines	Paradrine	1	A
Aminorex	Aminoxafen, Aminoxaphen, Apique, McN-742, Menocil	1	A	Levorphanol	Levo-Dremoran	1	A
Amphetamine		1	A	Lofentanil		1	A
Anileridine	Leritine	1	A	Mazindol	Sanorex	1	A
Apomorphine		1	A	Melidonium		1	A
Benzylpiperazine (BZP)		1	A	Meperidine	Demerol	1	A
Carfentanil		1	A	Mephentermine	Wyamine	1	A
Cathinone	khat, kat, qat, quat, chat, catha, Abyssinian tea, African tea	1	A	Metaraminol	Aramine	1	A
Chlorpromazine		1	A	Methadone	Dolophine	1	A
a-Cobratoxin	Thorazine, Largactil	1	A	Methamphetamine	Desoxyn	1	A <sup>5</sup>
Cocaine		1	A	Methaqualone	Quaalude	1	A
Codeine		1	A	Methcathinone		1	A
Darbepoetin	Aranesp	1	A	Methylhexanamine (Methylhexanamine)	Geranamine	1	A
DEA Schedule 1 (all)*		1	A	Methylphenidate	Ritalin	1	A
Dermorphin		1	A	Metopon (methyldihydromorphinone)		1	A
Dextromoramide		1	A	Morphine		1	A
Diamorphine	Palfium, Narcolo	1	A	myo-inositol triphosphosphate (ITPP)		1	A
Donepezil	Aricept	1	A	Nikethamide	Coramine	1	A
Endorphins		1	A	Oxycodone	Percodan	1	A
Enkephalins		1	A	Oxymorphone	Numorphan	1	A
Erythropoietin (EPO)	Epogen, Procrit, et al	1	A	Pemoline	Cylert	1	A
Ethylphenidate		1	A	Pentylenetetrazol	Metrazol, Nioric	1	A
Ethylmorphine		1	A	Phenazocine	Narphen	1	A
Etorphine HCl	Dionin M99	1	A	Phencyclidine (PCP)	Sernylan	1	A
Fentanyl	Sublimaze	1	A	Phendimetrazine	Bontril, etc.	1	A
Heroin		1	A	Phenmetrazine	Preludin	1	A
Hydrocodone (dihydrocodienone)	Hydcoane	1	A	Picrotoxin		1	A
		1	A	Piritramide		1	A
		1	A	Remifentanyl	Ultiva	1	A

<sup>5</sup> Recommended Penalty B if testing can prove presence of only levo-methamphetamine is present in sample.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Snake Venoms		I	A
Strychnine		I	A
Sufentanil	Sufenta	I	A
Synthetic cannabis	Spice, K2, Kronic	I	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Ziconotide		I	A



## Listing by Classification (Continued)

**Class 2:** Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
3-Methoxytyramine	3-MT	2	A
Accetbromal		2	A
Acetophenazine	Tindal	2	A
Adinazolam		2	A
Alclofenac		2	B
Alcuronium	Alloferin	2	A
Alphaprodine	Nisentil	2	A
Alpidem	Anaxyl	2	A
Alprazolam	Xanax	2	A
Alprenolol		2	A
Althesin	Saffan	2	A
Amisulpride	Solian	2	A
Amitriptyline	Elavil, Amitril, Endep	2	A
Amobarbital	Amytal	2	A
Amoxapine	Asendin	2	A
Amperozide		2	A
Amyl Nitrite	Anisine	2	A
Anilopam	Alurate	2	A
Aprobarbital	Septocaine; Ultracaine, etc.	2	A
Articaine		2	A
Atipamazole		2	B
Atomoxetine	Strattera	2	A
Atracurium	Tracrium	2	A
Azacylonol	Frenque	2	A
Azaperone	Stresnil, Suicalm, Fentaz (with Fentanyl)	2	A
Barbital	Veronal	2	A
Barbiturates		2	A
Bemegride	Megimide, Mikedimide	2	A
Benoxaprofen		2	B
Benperidol	Anquil	2	A
Benzazepam	Tiadipoma	2	A
Benzactizine	Deprol, Bronchodiletten	2	A
Benzocetamine		2	A
Benzodiazepines		2	A
Benzonatate	Tessalon, Tessalon Perles, Zonatuss	2	A
Benzphetamine	Didrex	2	A
Benztropine	Cogentin	2	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Biriperone		2	A
Brimonidine	Alphagan	2	A
Bromazepam	Lexotan, Lectopam	2	A
Bromisovalum	Diffucord, etc.	2	A
Bromocriptine	Parlodel	2	A
Bromperidol	Bromidol	2	A
Brotizolam	Protocol	2	A
Bupivacaine	Marcaine	2	A
Buprenorphine	Temgesic	2	A
Bupirone	Buspar	2	A
Bupropion	Wellbutrin	2	A
Butabarbital (Secbutobarbitone)	Butacaps, Butasol, etc.	2	A
Butacaine	Butyn	2	A
Butabital (Talbutal)	Fiorinal	2	A
Butanilcaine	Hostacain	2	A
Butaperazine	Repose	2	A
Butoctamide	Listomin	2	A
Caffeine		2	B
Camazepam	Paxor	2	A
Captodiamine	Covatine	2	A
Carbidopa + levodopa	Sinemet	2	A
Carbromol	Mifudorm	2	A
Carisoprodol	Soma, Rela	2	B
Carphenazine	Proketazine	2	A
Carpiramine	Prazinil	2	A
Carticaine (see articaine)	Septocaine; Ultracaine, etc.	2	A
Chloralose (Alpha-Chloralose)		2	A
Chloral betaine	Beta-Chlor	2	A
Chloral hydrate	Nactec, Orictrate, etc.	2	A
Chloraldehyde (chloral)		2	A
Chloriazepoxide	Librium	2	A
Chlormezanone	Trancopal	2	A
Chloroform		2	A
Chlorhexidol		2	A
Chlorprocaine	Nesacaine	2	A
Chlorprothazine	Newplege	2	A
Chlorprothixene	Taractan	2	A
Cinchocaine	Nupercaine	2	A
Citalopram	Celex	2	A

## Listing by Classification (Continued)

**Class 2:** Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Clibucaine	Batrax	2	A
Clobazam	Urbanyl	2	A
Clocapramine		2	A
Clomethiazole (Chlormethiazole)		2	A
Clomipramine	Anafranil	2	A
Clonazepam	Klonopin	2	A
Clonazepate	Tranxene	2	A
Clormecaine	Placacid	2	A
Clothiapine	Enterin	2	A
Clotiazepam	Trecalmo, Rize	2	A
Cloxacolam	Enadel, Sepazon, Tolestan	2	A
Clozapine	Clozaril, Leponex	2	A
Conorphone		2	A
Corticaine	Ultracain	2	A
Crotetamide		2	A
Cyamemazine	Tercian	2	A
Cyclobarbitol	Phanodorm	2	A
Decamethonium	Syncurine	2	A
Demoxepam		2	A
Desipramine	Norpromine, Pertofrane	2	A
Dezocine	Dalgan®	2	A
Dibucaine	Nupercainal, Cinchocaine	2	B
Dichloralphenazone	Febenol, Isocom	2	A
Diethylpropion	Tepanil, etc.	2	A
Diethylthiambutene	Themalon	2	A
Dihydrocodeine	Parcodin	2	A
Diflorazepam	Briantum	2	A
Diprenorphine	M50/50	2	A
Dixyrazine	Esucos	2	A
Dopamine	Intropin	2	A
Doxacurium	Nuromax	2	A
Doxapram	Dopram	2	A
Doxefazepam	Doxans	2	A
Doxepin	Adapin, Sinequan	2	A
Droperidol	Inapsine, Droleptan, Innovar-Vet (with Fentanyl)	2	A
Duloxetine		2	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Enciprazine		2	A
Ephedrine		2	A
Epibatidine		2	A
Epinephrine		2	A
Ergoloid Mesylates (dihydroergocornine Mesylate, dihydroergocristine mesylate and dihydroergocryptine mesylate)	Hydergine	2	A
Estazolam	Domnamid, Eurodin, Nuctalon	2	A
Ethamivan		2	A
Ethanol		2	A
Ethchlorvynol	Placidyl	2	A
Ethinamate	Valmid	2	A
Ethioheptazine	Zactane	2	A
Ethopropazine	Parsidol	2	A
Ethylisobutrazine	Diquel	2	A
Etidocaine	Duranest	2	A
Etifoxin	Stresam	2	A
Etizolam	Depas, Pasaden	2	A
Etiotroxizine	Indunox	2	A
Etiomidate		2	A
Fenarbamate	Tymium	2	A
Fenclozic Acid	Cincopal	2	B
Fenfluramine	Pondimin	2	A
Fluanisone	Sedalande	2	A
Fludiazepam	Erispam	2	A
Flunitrazepam	Rohypnol, Narcozep, Darkene, Hypnodorm Darkene, Hypnodorm Darkene, Hypnodorm Darkene	2	A
Fluopromazine	Psyquil, Siquil	2	A
Fluoresone	Caducid	2	A
Fluoxetine	Prozac	2	A
Flupenthixol	Depixol, Fluaxol	2	A
Fluphenazine	Prolixin, Permitti, Anatenzol, etc.	2	B
Flurazepam	Dalmane	2	A
Fluspirilene	Imap, Redeptin	2	A

## Listing by Classification (Continued)

**Class 2:** Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Flutoprazepam	Restias	2	A
Fluvoxamine	Dumirox, Faverin, etc.	2	A
Galantamine	Reminyl	2	A
Gallamine	Flaxedil	2	A
Gepirone		2	A
Glutethimide		2	A
Halazepam	Doriden	2	A
Haloperidol	Paxipam	2	A
Haloxazolam	Haldol	2	A
Hemoglobin glutamers	Somelin	2	A
Hexafluorenum	Oxyglobin, Hemopure	2	A
Hexobarbital	Myallexen	2	A
Hexylcaine	Evipal	2	A
Homophenazine	Cyclaine	2	B
Hydroxyzine	Pelvichthol	2	A
Ibomal	Atarax	2	B
Imipramine	Noctal	2	A
Isapirone	Imavate, Presamine, Tofranil	2	A
Isocarboxazid		2	A
Isomethadone	Marplan	2	A
Isoproterenol		2	A
Isoxicam	Isoprel	2	A
Ketamine	Maxicam	2	B
Ketazolam	Ketalar, Ketaset, Vetalar	2	B
Lenperone	Anxon, Lafram,	2	A
Levamisole	Solatran, Loftran	2	A
Levomethorphan	Elanone-V	2	A
Lidocaine		2	B
Lithium	Xylocaine	2	A
Lobeline	Lithizine, Duralith, etc.	2	B
Loflazepate, Ethyl		2	A
Loprazolam	Victan	2	A
Lorazepam	Dormonort, Havlane	2	A
Lormetazepam	Ativan	2	A
Loxapine	Noctamid	2	A
Maprotiline	Laxitane	2	A
Mebutamate	Ludiomil	2	A
Meclofenoxate	Axiten, Dormate, Capla Lucidiril, etc.	2	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Medazepam	Nobrium, etc.	2	A
Melperone	Eunerpan	2	A
Memantine	Namenda	2	A
Meparfynol	Oblivon	2	A
Mepazine	Pacatal	2	A
Mephenoxalone	Control, etc.	2	A
Mephenytoin	Mesantoin	2	A
Mephobarbital (Methylphenobarbital)	Mebaral	2	A
Mepivacaine	Carbocaine	2	B
Meprobamate	Equamil, Miltown	2	A
Mesoridazine	Serentil	2	A
Metaclozepam	Talis	2	A
Metazocine		2	A
Metharbital	Gemoni	2	A
Methohexital	Brevital	2	A
Methotrimeprazine	Levoprome, Neurocil, etc.	2	A
Methyprylon	Noludar	2	A
Metocurine	Metubine	2	A
Metomidate	Hypnodil	2	A
Mexazolam	Melex	2	A
Mirtazepine	Remeron	2	A
Mivacurium	Mivacron	2	A
Modafinil	Provigil	2	A
Molindone	Moban	2	A
Moperone	Luvaitren	2	A
Mossaprimine		2	A
Naepaine		2	A
Nalbuphine	Amylsine	2	A
Nalorphine	Nubain	2	A
Nefazodone	Nalline, Lefthidrone	2	A
Nimetazepam	Serzone	2	A
Nitrazepam	Erimin	2	A
Nitroglycerin	Mogadon	2	A
Nordiazepam		2	B
Norepinephrine	Calmday, Nordaz, etc.	2	A
Nortriptyline		2	A
Olanzapine	Aventyl, Pamelor	2	A
Oxazepam	Zyprexa	2	A
Oxazolam	Serax	2	A
	Serenal	2	A

## Listing by Classification (Continued)

**Class 2:** Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Oxilofrine (hydroxyephedrine)		2	A
Oxyperitine	Forit, Integrin	2	A
Paliperidone		2	A
Pancuronium	Pavulon	2	A
Paraldehyde	Paral	2	A
Paroxetine	Paxil, Seroxat	2	A
Penfluridol	Cyperon	2	A
Pentobarbital	Nembutal	2	A
Perazine	Taxilan	2	A
Perfluorodecolin		2	A
Perfluorodecahydronophthalene		2	A
Perfluorooctylbromide		2	A
Perfluorotripropylamine		2	A
Perfluorocarbons		2	A
Periciazine	Alodept, etc.	2	A
Perlazine	Hypnodin	2	A
Perphenazine	Trilafon	2	A
Phenaglycodol	Acalo, Alcamid, etc.	2	A
Phenelzine	Nardelzine, Nardil	2	A
Phenobarbital	Luminal	2	A
Phentermine	Iomamin	2	A
Pimindone	Alvodine, Cimadon	2	A
Pimozide	Orap	2	A
Pinazepam	Domar	2	A
Pipamperone	Dipiperon	2	A
Pipecuronium	Arduan	2	A
Pipecqualine		2	A
Piperacetazine	Psymod, Quide	2	A
Piperocaine	Metycaine	2	A
Piprotiazole	Lonseren, Piportil	2	A
Pipradrol	Dataril, Gerondyl, etc.	2	A
Piquindone		2	A
Prazepam	Verstran, Centrax	2	A
Prilocaine	Citanest	2	A
Prochlorperazine	Darbazine, Compazine	2	A
Propranidid		2	A
Propiomazine	Largon	2	A
Propionylpromazine	Tranvet	2	A
Propiram		2	A
Propofol	Diprivan, Disoprivan	2	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Propoxycaïne	Ravocaine	2	A
Prothipendyl	Dominal	2	A
Protriptyline	Concordin, Triptil	2	A
Proxibarbitol	Axeen, Centralgol	2	A
Pyrihydione	Hybersulfan, Sonodor	2	A
Quazipam	Doral	2	A
Quetiapine	Seroquel	2	A
Racemethorphan		2	A
Racemorphan		2	A
Raclopride		2	A
Ractopamine	Paylean	2	A
Remoxipride	Roxiam	2	A
Reserpine	Serpasil	2	B
Rilmazafone		2	A
Risperidone		2	A
Ritanserlin		2	A
Rivastigmine	Exelon	2	A
Rocuronium	Zemuron	2	A
Rofecoxib	Vioxx	2	B
Ropivacaine	Naropin	2	A
Secobarbital (Quinalbarbitone)	Seconal	2	A
Selegiline	Eldepryl, Jumex	2	A
Sertraline	Lustral, Zolof	2	A
Somatrem	Protropin	2	A
Somatropin	Nutropin	2	A
Spiclomazine		2	A
Spiperone		2	A
Succinylcholine	Sucostrin, Queclin, etc.	2	A
Sulfondiethylmethane		2	A
Sulfonmethane		2	A
Sulfonidazine	Inofal	2	A
Sulpiride	Aiglonyl, Sulpitil	2	A
Sultopride	Barnetil	2	A
Talbutal	Lotusate	2	A
Tandospirone		2	A
Temazepam	Restoril	2	A
Tetrabenazine	Nitoman	2	A
Tetracaine	Pontocaine	2	A
Tetrazepam	Musaril, Myolastin	2	A
Thebaine		2	A

## Listing by Classification (Continued)

**Class 2:** Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Thiobarbital	Kemithal	2	A
Thiamylal	Surital	2	A
Thiethylperazine	Torecan	2	A
Thiopental	Pentothal	2	A
Thiopropazate	Dartal	2	A
Thiopropazine	Majeptil	2	A
Thioridazine	Mellaril	2	A
Thiothixene	Navane	2	A
Tiaprside	Italprid, Luxoben, etc.	2	A
Tiletamine	Component of Telazol	2	A
Timiperone	Tolopelon	2	A
Tofisopam	Grandaxain, Seriel	2	A
Topiramate	Topamax	2	A
Tramadol	Ultram	2	B
Tranylcypromine	Parnate	2	A
Trazodone	Desyrel	2	A
Tretoquinol	Inolin	2	A
Triazolam	Halcion	2	A
Tribromethanol		2	A
Tricaine methanesulfonate		2	A
Trichloroethanol	Finquel	2	A
Trichloethylene		2	A
Triclofos	Trilene, Trimar	2	A
Trifluomeprazine	Triclos	2	A
Trifluoperazine	Nortran	2	A
Trifluoperidol	Stelazine	2	A
Triflupromazine	Triperidol	2	A
Trimipramine	Vetame, Vesprin	2	A
Tubocurarine (Curare)	Surmontil	2	A
Tybamate	Metubin	2	A
Urethane	Benvil, Nospan, etc.	2	A
Valdecoxib		2	A
Valnoctamide	Nirvanyl	2	A
Venlafaxine	Efflexor	2	A
Veralipride	Accional, Verapipril	2	A
Vercuronium	Norcuron	2	A
Viloxazine	Catatrol, Vivalan, etc.	2	A
Vinbarbital	Delvinol	2	A
Vinylbital	Optanox, Speda	2	A
Yohimbine		2	B

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Zaleplon	Sonata	2	A
Zilpaterol hydrochloride	Zilpaterol	2	A
Ziprasidone	Geodon	2	A
Zolazepam		2	A
Zolpidem	Ambien, Stilnox	2	A
Zomepirac	Zomax	2	B
Zopiclone	Imovan	2	A
Zotepine	Lodopin	2	A
Zuclopenthixol	Ciatyl, Cesordinol	2	A

## Listing by Classification (Continued)

**Class 3:** Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Acebutolol	Sectral	3	B
Acepromazine	Atrovet, Notensil, PromAce®	3	B
Albuterol (Salbutamol)	Proventil, Ventolin	3	B
Almotriptan	Axert	3	A
Ambenonium	Myrelase, Myeuran	3	B
Aminophylline	Aminophyllin, etc.	3	B
Amitraz	Mitaban	3	B
Amlodipine	Norvasc	3	B
Arecoline		3	A
Arformoterol		3	B
Atenolol	Tenormin	3	B
Atropine		3	B
Benazepril	Lotrel, Lotensin	3	B
Betaxolol	Kerlone	3	B
Bethanidine	Esbatal	3	A
Biperiden	Akineton	3	A
Bisoprolol	Zebeta, Bisobloc, etc.	3	B
Bitolterol	Effectin	3	A
Bolasterone		3	A
Boldenone	Equipoise	3	B
Boldione		3	A
Bretylum	Bretylum	3	B
Bromfenac	Duract	3	A
Bromodiphenhydramine		3	B
Brompheniramine	Dimetane, Disomer	3	B
Bufoxamac		3	A
Bumetanide	Bumex	3	B
Butorphanol	Stadol, Torbugesic	3	B
Calusterone		3	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Candesartan	Atacand	3	B
Captopril	Capoten	3	B
Carazolol	Carbacel, Conduccion	3	A
Carbachol	Lentin, Doryl	3	B
Carbamazepine	Tegretol	3	B
Carbinoxamine	Clistin	3	B
Carteolol	Cartrol	3	B
Carvedilol	Coreg	3	B
Celecoxib	Celebrex	3	B
Cimetrol		3	A
Clemastine	Tavist	3	B
Clenbuterol	Ventipulmin	3	B
Clidinium	Quarezan, Clindex, etc.	3	B
Clonidine	Catapres	3	B
Clostebol		3	A
Cobalt		3	B
Cyclandelate		3	A
Cyclospasmol		3	A
Cyclizine	Merazine	3	B
Cyrimine	Pagitane	3	B
Cyproheptadine	Periactin	3	B
Danazol	Danocrine	3	B
Dehydrochloromethyltestosterone		3	A
Deracoxib	Deremaxx	3	B
Desoxymethyltestosterone		3	A
Detomidine	Dormosedan	3	B
Dextropropoxyphene	Darvon	3	B
Diazepam	Valium	3	B
Diazoxide	Proglycem	3	B
Diffunisal		3	B
Dimeflin		3	A

<sup>7</sup> For cobalt concentrations of less than 25 parts per billion (ppb) of blood serum or plasma no penalty is recommended. For concentrations of 25 ppb or greater but less than 50 ppb of blood plasma or serum the recommended penalty is a written warning, the placement of the horse on the Veterinarians List with removal from list only after a blood test confirms that the concentration is below 25 ppb of blood plasma or serum. Testing shall be paid by the owner(s) of the horse. Concentrations of 50 ppb or greater in blood plasma or serum have a recommended "B" penalty.

## Listing by Classification (Continued)

**Class 3:** Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Diphenhydramine	Benadryl	3	B
Dipyridamole	Persantine	3	B
Divalproex	Depakote	3	A
Dobutamine	Dobutrex	3	B
Doxazosin		3	A
Doxylamine	Decapryn	3	B
Dromostanolone	Drolban	3	B
Dyphylline		3	B
Edrophonium		3	B
Eletripan	Tension	3	B
	Relpax	3	A
Enalapril (metabolite enalaprilat)	Vasotec	3	A
Erdithyl tetranitrate	Cardilate	3	A
Esmolol	Brevibloc	3	B
Etamiphylline		3	B
Ethacrynic acid	Edecrin	3	B
Ethosuximide	Zarontin	3	A
Ethylestrenol	Maxibolin, Organon	3	B
Ethylnorepinephrine	Bronkaphrine	3	A
Etidolac	Lodine	3	B
Felbamate	Felbatol	3	B
Fenbufen	Cincopal	3	B
Fenoldopam	Corlopam	3	B
Fenopropfen	Nalfon	3	B
Fenoterol	Berotec	3	B
Fenspiride	Respiride, Respan, etc	3	B
Fentiazac		3	B
Flurbiprofen	Proben	3	B
Flufenamic Acid		3	B
Fluoxymesterone	Halotestin	3	B
Flupirtine	Katadolone	3	A
Formebolone		3	B
Formoterol	Altram	3	B
Fosinopril	Monopril	3	A
Fosphenytoin	Cerebyx	3	B
Furazabol		3	A
Gabapentin	Neurontin	3	B
Gamma Aminobutyric Acid (GABA)	Carolina Gold	3	B
Gestritone		3	A
Guanadrel	Hylorel	3	A
Guanethidine	Ismelin	3	A
Guanabenz	Wytensin	3	B

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Heptaminol	Corofundol	3	B
Homatropine	Homapin	3	B
Hydralazine	Aprisoline	3	B
4-Hydroxytestosterone		3	B
Ibutilide	Corvert	3	B
Ilprost	Ventavis	3	A
Indomethacin	Indocin	3	B
Ipratropium		3	B
Irbesartan	Avapro	3	A
Isoetharine	Bronkosol	3	B
Isoorbide dinitrate	Isordil	3	B
Kebuzone		3	B
Ketorolac	Toradol	3	A
Labetalol	Normodyne	3	B
Lamotrigine	Lamictal	3	A
Levobunolol	Betagan	3	B
Lisinopril	Prinivil, Zestril	3	A
Loperamide	Imodium	3	B
Losartan	Hyzaar	3	B
Mabuterol		3	A
Mecamylamine	Inversine	3	B
Mecizine	Antivert, Bonine	3	B
Medetomidine	Domitor	3	B
Mefenamic Acid	Ponstel	3	B
Mepenzolate	Cantil	3	B
Mestanolone		3	A
Mesterolone		3	A
Metaproterenol	Alupent, Metaprel	3	B
Methenolone	Primobolan	3	A
Methacholine		3	A
Methandrostenolone (Methandienone)	Dianabol	3	A
Methandriol (Methylandrostenediol)	Probolac	3	A
Methanethine	Banthine	3	B
Methapyrilene	Histadyl, etc.	3	B
Methasterone		3	A
Methdilazine	Tacaryl	3	B
Methixene	Trest	3	A
Methoxamine	Vasoxyl	3	A
Methoxyphenamine	Orthoxide	3	A
Methylatropine		3	B
Methyldienolone		3	A

## Listing by Classification (Continued)

**Class 3:** Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Methylodopa	Aldomet	3	A
Methylornitestosterone (Trestolone)		3	A
Methyltestosterone	Metandren	3	A
Methyl-1-testosterone		3	A
Metolazone		3	B
Metoprolol	Lopressor	3	B
Mibefradil	Posicor	3	B
Mibolerone		3	B
Midazolam	Versed	3	B
Midodrine	Pro-Amiline	3	B
Minoxidil	Loniten	3	B
Moexipril (metabolite, moexiprilat)	Uniretic	3	B
Muscarine		3	A
Nabumetone	Anthraxan, Relafen, Reliflex	3	A
Nadol	Corgard	3	B
Naloxone	Narcan	3	B
Naltrexone	Revia	3	B
Nandrolone	Nandrolin, Laurabolin, Durabolin, Amerge	3	B
Naratriptan		3	B
Nebivolol		3	B
Nefopam		3	A
Neostigmine	Prostigmine	3	B
Niflumic Acid	Niffluril	3	B
Nimesulide		3	B
19-Norandrostenediol		3	B
19-Norandrostenedione		3	B
Norbolethone/Norboletole		3	A
Norclostebol		3	A
Norethandrolone		3	A
Nortestosterone		3	A
Nylidrine	Arlidin	3	B
Olmesartan	Benicar	3	A
Oxabolone		3	A
Oxandrolone	Anavar	3	B
Oxcarbazepine	Trileptal	3	A
Oxprenolol	Trasacor	3	A
Oxymesterone		3	B
Oxymetholone	Adroyd, Anadrol	3	B
Papaverine	Pavagen, etc.	3	A

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Paramethadione	Paraldione	3	A
Pargyline	Eutonyl	3	A
Penbutolol	Levatol	3	B
Pentaerythritol tetranitrate	Duotrate	3	A
Pentazocine	Talwin	3	B
Pergolide	Permax	3	B
Perindopril	Biprel	3	A
Phenoxybenzamine	Dibenzyline	3	B
Phentolamine	Regitine	3	B
Phenylephrine	Isophrin, Neo-Synephrine	3	B
Phenylpropanolamine	Propadrine	3	B
Physostigmine	Eserine	3	A
Pindolol	Viskin	3	B
Pirbuterol	Maxair	3	B
Piretanide	Arelix, Tauliz	3	B
Prazosin	Minipress	3	B
Primidone	Mysoline	3	B
Procaine		3	B
Procaterol	Pro Air	3	A
Procyclidine	Kemadrin	3	B
Promazine	Sparine	3	B
Promethazine	Phenergan	3	B
Propanteline	Pro-Banthine	3	A
Propentophylline	Karsivan	3	B
Propranolol	Inderal	3	B
Prostanazol		3	A
Protokylol	Ventaire	3	A
Pseudoephedrine	Cenafed, Novafed	3	B
Pyridostigmine	Mestinon, Regonol	3	B
Pyrilamine	Neoantergan, Equihist	3	B
Quinapril, Quinaprilat	Accupril	3	A
Quinbolone		3	A
Ramipril, metabolite Ramiprilat	Altace	3	A
Ritodrine	Yutopar	3	B
Rizatriptan	Maxalt	3	B
Romifidine	Sedivet	3	B
Salmeterol		3	B
Sibutramine	Meridia	3	B
Sildenafil	Viagra	3	A
Sotalol	Betapace, Sotacor	3	B
Spirapril, metabolite Spiraprilat	Renomax	3	A



## Listing by Classification (Continued)

**Class 3:** Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Stanozolol	Winstrol-V	3	B
Stenbolone		3	A
Sulindac	Clinoril	3	A
Sumatriptan	Imitrex	3	B
Tadalafil	Cialis	3	A
TCO <sub>2</sub>		3	B
Telmisartan	Micardis	3	B
Tenoxicam	Alganex, etc.	3	B
Tepoxalin		3	B
Terazosin	Hytrin	3	A
Terbutaline	Brethine, Bricanyl	3	B
Testolactone	Teslac	3	B
Testosterone		3	B
Tetrahydrogestrinone		3	A
Theophylline	Aquaephyllin, etc.	3	B
Tiaprofenic Acid	Surgam	3	B
Timolol	Blocadrin	3	B
Tolazoline	Priscoline	3	B
Tolmetin	Tolectin	3	B
Torsemide (Torasemide)	Dernadex	3	A
Trandolapril (and metabolite, Trandolaprilat)	Tarka	3	B
Trenbolone	Finoplix	3	B
Trihexyphenidyl	Artane	3	A
Trimethadione	Tridione	3	B
Trimethaphan	Arfonad	3	A
Tripelennamine	PBZ	3	B
Triprolidine	Actidil	3	B
Valerenic acid		3	A
Valsartan	Diovan	3	B
Vardenafil	Levitra	3	A
Xylazine	Rompun, Bay Va 1470	3	B
Zolmitriptan	Zomig	3	B
Zonisamide	Zonegran	3	B
$\Delta$ -1-androstene-3,17-diol		3	A
$\Delta$ -1-androstene-3,17-dione		3	A
$\Delta$ -1-dihydrotestosterone		3	A

## Listing by Classification (Continued)

**Class 4:** This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3.

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
2-Aminoheptane	Tuamine	4	B
Acetaminophen (Paracetamol)	Tylenol, Tempra, etc.	4	C
Acetanilid		4	B
Acetazolamide	Diamox, Vetamox	4	C
Acetophenetidin (Phenacetin)		4	B
Acetylsalicylic acid (Aspirin)		4	C
Alclometasone	Aclovate	4	C
Adrenochrome monosemicarbazone salicylate		4	B
Aldosterone	Aldocortin, Electrococtin	4	B
Ambroxol	Ambriol, etc.	4	B
Ameinonide	Cyclocort	4	C
Amiloride	Moduretic, Midamor	4	B
Aminocaproic acid	Amicar, Caprocid	4	C
Amiodarone		4	B
Aminopyrine		4	B
Amisometradine		4	B
Amlopidine	Rolictron	4	B
Amrinone	Norvasc, Amminvin	4	B
Anisotropine	Valpin	4	B
Antipyrine		4	B
Apazone (Azapropazone)	Rheumox	4	B
Aprindine		4	B
Baclofen	Lioresal	4	B
Beclomethasone	Propaderm	4	C
Bendroflumethiazide	Naturetin	4	B
Benoxinate	Dorsacaine	4	C
Benzocaine		4	B
Benzthiazide		4	B
Bepridil	Bepadin	4	B
Betamethasone	Betasone, etc.	4	C
Bethanechol	Urecholine, Duvoid	4	C
Bromhexine	Oleitor, etc.	4	B
Budesonide	Pulmacort, Rhinocort	4	C
Butamben (butyl aminobenzoate)	Butesin	4	C
Butoxycaïne	Stadacain	4	B
N-Butylscopolamine		4	C
Camphor		4	C
Carbazochrome		4	B
Carprofen	Rimadyl	4	B
Cetirizine	Zyrtec	4	C
Chlormerodrin	Neohydrin	4	B

Drug Substance	Trade Name(s)	Drug Class	Penalty Class
Chlorophenesin	Maolate	4	C
Chloroquine	Avloclor	4	C
Chlorothiazide	Diuril	4	B
Chlorpheniramine	Chlortrimeton, etc.	4	B
Chlorthalidone	Hydroton	4	B
Chlorzoxazone	Paraflex	4	B
Ciclesonide		4	C
Cilostazol	Plental	4	B
Clanobutin		4	B
Clobetasol	Temovate	4	C
Clocortolone	Cloderm	4	C
Clofenamide		4	B
Colchicine		4	B
Cortisone	Cortone, etc.	4	C
Cyclobenzaprine	Flexeril	4	B
Cyclomethycaine	Surfacaine	4	C
Cyclothiazide	Anhydron, Renazide	4	B
Dantrolene	Dantrium	4	C
Dembroxol (Dembrexine)	Sputolysin	4	C
Deoxycorticosterone	Percortin, DOCA, Descotone, Dorcostrin	4	C
Desonide	Des Owen	4	C
Desoximetasone	Topicort	4	C
Dexamethasone	Azium, etc.	4	C
Dextromethorphan		4	B
Dichlorphenamide		4	C
Diclofenac	Daramide	4	C
Diflorasone	Volturen, Voltarol	4	C
Diflucortolone	Florone, Maxiflor	4	C
Digitoxin	Flu-Cortinest, etc.	4	C
Digoxin	Crystodigin	4	B
Dihydroergotamine	Lanoxin	4	B
Diltiazem	Cardizem	4	B
Dimethisoquin	Quotane	4	B
Dimethylsulfoxide (DMSO)	Domoso	4	C
Diphenoxylate	Difenoxin, Lomotil	4	B
Dipyrrone	Novin, Methamyrone	4	C
Disopyramide	Norpace	4	B
Dyclonine	Dyclone	4	C
Eltenac		4	B
Ergonovine	Ergotrate	4	C
Ergotamine	Gynergen, Cafegot, etc.	4	B