

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

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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 pentylentetrazol. Though not used as therapeutic agents, all DEA Schedule 1 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; antidiarrheals 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-methylenedioxypropylvalerone | MDPV, "bath salts" | 1 | A |
| 3-Methoxytyramine | 3-MT | 2 | A |
| Acebutolol | Sectral | 3 | B |
| Acecarbromal | | 2 | A |
| Acenocoumarol | | 5 | C |
| Acepromazine | Atrovet, Notensil, PromAce® | 3 | B |
| Acetaminophen (Paracetamol) | Tylenol, Tempra, etc. | 4 | C |
| Acetanilid | | 4 | B |
| Acetazolamide | Diamox, Vetamox | 4 | C |
| Acetophenazine | Tindal | 2 | A |
| Acetophenetidin (Phenacetin) | | 4 | B |
| Acetylsalicylic acid (Aspirin) | | 4 | C |
| Alclometasone | Aclovate | 4 | C |
| Adinazolam | | 2 | A |
| Adrenochrome monosemicarbazone salicylate | | 4 | B |
| Albuterol (Salbutamol) | Proventil, Ventolin | 3 | B |
| Alclofenac | | 2 | B |
| Alcuronium | Alloferin | 2 | A |
| Aldosterone | Aldocortin, Electro cortin | 4 | B |
| Alfentanil | Alfenta | 1 | A |
| Almotriptan | Axert | 3 | A |
| Alphaprodine | Nisentil | 2 | A |
| Alpidem | Anaxyl | 2 | A |
| Alprazolam | Xanax | 2 | A |
| Alprenolol | | 2 | A |
| Althesin | Saffan | 2 | A |
| Ambenonium | Mytelase, Myeuran | 3 | B |
| Ambroxol | Ambril, etc. | 4 | B |
| Amcinonide | Cyclocort | 4 | C |
| Amiloride | Moduretic; Midamor | 4 | B |
| Aminocaproic acid | Amicar, Caprocid | 4 | C |
| Amiodarone | | 4 | B |
| Aminophylline | Aminophyllin, etc. | 3 | B |
| Aminopyrine | | 4 | B |
| Aminorex | Aminoxafen, Aminoxaphen, Apiquel, 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) | Rheumox | 4 | B |
| Apomorphine | | 1 | A |
| Aprindine | | 4 | B |
| Aprobarbital | Alurate | 2 | A |
| Arecoline | | 3 | A |
| Arformoterol | | 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 | Lioresal | 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, Bronchodiletten | 2 | A |
| Benzocaine | | 4 | B |
| Benzocetamine | | 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 |
| Bepidil | Bepadin | 4 | B |
| Betamethasone | Betasone, etc. | 4 | C |
| Betaxolol | Kerlone | 3 | B |
| Bethanechol | Urecholine, Duvoid | 4 | C |
| Bethanidine | Esbatol | 3 | A |
| Biperiden | Akineton | 3 | A |
| Biriperone | | 2 | A |
| Bisoprolol | Zebeta, Bisobloc, etc. | 3 | B |
| Bitolterol | Effectin | 3 | A |
| Bolasterone | | 3 | A |
| Boldenone | Equipoise | 3 | B |
| Boldione | | 3 | A |
| Bretylium | Bretylol | 3 | B |
| Brimonidine | Alphagan | 2 | A |
| Bromazepam | Lexotan, Lectopam | 2 | A |
| Bromfenac | Duract | 3 | A |
| Bromhexine | Oletor, etc. | 4 | B |
| Bromisovalum | Diffucord, etc. | 2 | A |
| Bromocriptine | Parlodel | 2 | A |
| Bromodiphenhydramine | | 3 | B |
| Bromperidol | Bromidol | 2 | A |
| Brompheniramine | Dimetane, Disomer | 3 | B |
| Brotizolam | Brotocol | 2 | A |
| Budesonide | Pulmacort, Rhinocort | 4 | C |
| Bufexamac | | 3 | A |
| Bumetanide | Bumex | 3 | B |
| Bupivacaine | Marcaine | 2 | A |
| Buprenorphine | Temgesic | 2 | A |
| Bupropion | Wellbutrin | 2 | A |
| Buspirone | Buspar | 2 | A |
| Butabarbital (Secbutobarbitone) | Butacaps, Butasol, etc. | 2 | A |
| Butacaine | Butyn | 2 | A |
| Butalbital (Talbutal) | Fiorinal | 2 | A |

| Drug/Substance | Trade Name(s) | Drug Class | Penalty Class |
|--------------------------------|--|------------|---------------|
| Butamben (butyl aminobenzoate) | Butesin | 4 | C |
| Butanilicaine | Hostacain | 2 | A |
| Butaperazine | Repoise | 2 | A |
| Butoctamide | 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 | Carbacel, Conducton | 3 | A |
| Carbachol | Lentin, Doryl | 3 | B |
| Carbamezapine | 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 | Prazinil | 2 | A |
| Carprofen | Rimadyl | 4 | B |
| Carteolol | Cartrol | 3 | B |
| Carticaine (see articaine) | 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 |
| Cetirizine | 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 Substance List (Cont)

| Drug/Substance | Trade Name(s) | Drug Class | Penalty Class |
|---------------------------------|---------------------------|------------|----------------|
| Chloroprocaine | Nesacaine | 2 | A |
| Chloroquine | Avloclor | 4 | C |
| Chlorothiazide | Diuril | 4 | B |
| Chlorpheniramine | Chlortriemton, etc. | 4 | B |
| Chlorprothazine | Newiplege | 2 | A |
| Chlorpromazine | Thorazine, Largactil | 1 | A |
| Chlorprothixene | Taractan | 2 | A |
| Chlorthalidone | Hydroton | 4 | B |
| Chlorzoxazone | Paraflex | 4 | B |
| Ciclesonide | | 4 | C |
| Cilostazol | Pletal | 4 | B |
| Cimeterol | | 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 |
| Clibucaine | Batrax | 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 |
| Clorazepate | Tranxene | 2 | A |
| Clormecaine | Placacid | 2 | A |
| Clostebol | | 3 | A |
| Clothiapine | Entermin | 2 | A |
| Clotiazepam | Trecalmo, Rize | 2 | A |
| Cloxacolam | Enadel, Sepazon, Tolestan | 2 | A |
| Clozapine | Clozaril, Leponex | 2 | A |
| Cobalt | | 3 | B ¹ |
| a-Cobratoxin | | 1 | A |
| Cocaine | | 1 | A |
| Codeine | | 1 | A |

¹ 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

| 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 | Pagitane | 3 | B |
| Cyproheptadine | Periactin | 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 |
| Dichlorphenamide | Daramide | 4 | C |
| Diclofenac | Voltaren, Voltarol | 4 | C |
| Dicumarol | Dicumarol | 5 | D |
| Diethylpropion | Tepanil, etc. | 2 | A |
| Diethylthiambutene | Themalon | 2 | A |
| Diflorasone | Florone, Maxiflor | 4 | C |
| Diflucortolone | Flu-Cortinest, etc. | 4 | C |
| Diflunisal | | 3 | B |
| Digitoxin | Crystodigin | 4 | B |
| Digoxin | Lanoxin | 4 | B |
| Dihydrocodeine | Parcodin | 2 | A |
| Dihydroergotamine | | 4 | B |
| Dilorazepam | Briantum | 2 | A |
| Diltiazem | Cardizem | 4 | B |
| Dimeflin | | 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 |
| Dipyrene | Novin, Methampyrone | 4 | C |
| Disopyramide | Norpace | 4 | B |
| Divalproex | Depakote | 3 | A |
| Dixyrazine | 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 |
|--|-----------------------------|------------|---------------|
| Eltenac | | 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 (dihydroergocornine mesylate, dihydroergocristine mesylate, and dihydroergocryptine mesylate) | | 2 | A |
| Ergonovine | Ergotrate | 4 | C |
| Ergotamine | Gynergen, Cafegot, etc. | 4 | B |
| Erthryl 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 |
| Ethoheptazine | 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 |
| Ethylphenidate | | 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 Substance List (Cont)

| Drug/Substance | Trade Name(s) | Drug Class | Penalty Class |
|--------------------|--|------------|---------------|
| Famotidine | Gaster, etc. | 5 | D |
| Felbamate | Felbatol | 3 | B |
| Felodipine | Plendil | 4 | B |
| Fenarbamate | Tymium | 2 | A |
| Fenbufen | Cincopal | 3 | B |
| Fenclozic acid | Myalex | 2 | B |
| Fenfluramine | Pondimin | 2 | A |
| Fenoldopam | Corlopam | 3 | B |
| Fenoprofen | 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 |
| Fluanisone | Sedalande | 2 | A |
| Fludiazepam | Erispam | 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 | | 4 | B |
| Fluoxetine | Prozac | 2 | A |
| Fluoxymesterone | Halotestin | 3 | B |
| Flupenthixol | Depixol, Fluanxol | 2 | A |
| Fluphenazine | Prolixin, Permitil, Anatenzol, etc. | 2 | B |
| Flupirtine | Katadolone | 3 | A |
| Fluprednisolone | Alphadrol | 4 | C |
| Flurandrenolide | Cordran | 4 | C |
| Flurazepam | Dalmane | 2 | A |
| Flurbiprofen | Froben | 3 | B |
| Fluspirilene | Imap, Redeptin | 2 | A |

| 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 | | 3 | B |
| Formoterol | Altram | 3 | B |
| Fosinopril | 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 |
| Glycopyrrolate | Robinul | 4 | C |
| Guaifenesin (glycerol guaiacolate) | Gecolate | 4 | C |
| Guanadrel | Hylarel | 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 |
| Hexocyclium | Tral | 4 | B |
| Hexylcaine | Cyclaine | 2 | B |
| Homatropine | Homapin | 3 | B |
| Homophenazine | Pelvichthol | 2 | A |
| Hydralazine | Apresoline | 3 | B |
| Hydrochlorothiazide | 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, Presamine, Tofranil | 2 | A |
| Indomethacin | Indocin | 3 | B |
| Infliximab | Remicade | 4 | B |
| Ipratropium | | 3 | B |
| Irbesarten | 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 |
| Labetalol | Normodyne | 3 | B |
| Lamotrigine | Lamictal | 3 | A |
| Lansoprazole | | 5 | D |
| Lenperone | Elanone-V | 2 | A |
| Letosteine | Viscotiol, Visiotal | 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 | Lithizine, Duralith, etc. | 2 | A |
| Lobeline | | 2 | A |
| Lofentanil | | 1 | A |
| Loflazepate, Ethyl | Victan | 2 | A |
| Loperamide | Imodium | 3 | B |
| Loprazolam | Dormonort, Havlane | 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 | Medriusar, etc. | 4 | C |
| Mefenamic acid | Ponstel | 3 | B |
| Meldonium | Mildronate, et al | 1 | A |
| Meloxicam | Mobic | 4 | B |
| Melperone | Eunerpan | 2 | A |
| Memantine | Namenda | 2 | A |
| Meparfynol | Oblivon | 2 | A |
| Mepazine | Pacatal | 2 | A |
| Mepenzolate | Cantil | 3 | B |
| Meperidine | Demerol | 1 | A |
| Mephesisin | Tolserol | 4 | B |
| Mephenoalone | Control, etc. | 2 | A |
| Mephentermine | Wyamine | 1 | A |
| Mephentyoin | Mesantoin | 2 | A |
| Mephobarbital (Methylphenobarbital) | Mebaral | 2 | A |
| Mepivacaine | Carbocaine | 2 | B |
| Meproamate | Equanil, Miltown | 2 | A |
| Meralluride | Mercurhydrin | 4 | B |
| Merbaphen | Novasural | 4 | B |
| Mercaptomerin | Thiomerin | 4 | B |
| Mercumatinin | Cumertilin | 4 | B |
| Mersalyl | Salyrgan | 4 | B |
| Mesalamine | Asacol | 5 | C |
| Mesoridazine | Serentil | 2 | A |
| Mestanolone | | 3 | A |
| Mesterolone | | 3 | A |
| Metaclazepam | Talis | 2 | A |
| Metaproterenol | Alupent, Metaprel | 3 | B |
| Metaraminol | Aramine | 1 | A |
| Metaxalone | Skelaxin | 4 | B |

Alphabetical Substance List (Cont)

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

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

³ Recommended Penalty B if testing can prove **presence** of only levo-methamphetamine is present in sample.

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/Norboletone | | 3 | A |
| Norclostebol | | 3 | A |
| Nordiazepam | Calmday, Nordaz, etc. | 2 | A |
| Norepinephrine | | 2 | A |
| Norethandrolone | | 3 | A |
| Nortestosterone | | 3 | B |
| Nortriptyline | Aventyl, Pamelor | 2 | A |
| Nylidrine | Arlidin | 3 | A |
| Olanzapine | Zyprexa | 2 | A |
| Olmesartan | Benicar | 3 | A |
| Olsalazine | Dipentum | 5 | C |
| Omeprazole | Prilosec, Losec | 5 | D |
| Orphenadrine | Norlfex | 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, Anadrol | 3 | B |
| Oxymorphone | Numorphan | 1 | A |
| Oxyperitine | Forit, Integrin | 2 | A |
| Oxyphenbutazone | Tandearil | 4 | C |
| Oxyphencyclimine | 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 |
| Pemoline | Cylert | 1 | A |
| Penbutolol | Levitol | 3 | B |
| Penfluridol | Cyperon | 2 | A |
| Pentaerythritol tetranitrate | Duotrate | 3 | A |
| Pentazocine | Talwin | 3 | B |
| Pentobarbital | Nembutal | 2 | A |
| Pentoxyfylline | Trental, Vazofirin | 4 | D |
| Pentylentetrazol | Metrazol, Nioric | 1 | A |
| Perazine | Taxilan | 2 | A |
| Perfluorodecolin | | 2 | A |
| Perfluorodecahydronophthalene | | 2 | A |
| Perfluorooctylbromide | | 2 | A |
| Perfluorotripropylamine | | 2 | A |
| Perfluorocarbons | | 2 | A |
| Pergolide | Permax | 3 | B |
| Periciazine | Alodept, etc. | 2 | A |
| Perindopril | Biprel | 3 | A |
| Perlapine | 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 |
| Phenytoin | Dilantin | 4 | B |
| Physostigmine | Eserine | 3 | A |

Alphabetical Substance List (Cont)

| Drug/Substance | Trade Name(s) | Drug Class | Penalty Class |
|---------------------|-------------------------|------------|---------------|
| Picrotoxin | | 1 | A |
| Pimino-dine | Alvodine, Cimadon | 2 | A |
| Pimozide | Orap | 2 | A |
| Pinazepam | Domar | 2 | A |
| Pindolol | Viskin | 3 | B |
| Pipamperone | Dipiperon | 2 | A |
| Pipecuronium | Arduan | 2 | A |
| Pipequaline | | 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 | Arelix, Tauliz | 3 | B |
| Piriramide | | 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 |
| Procatenol | 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 |
| Propantheline | Pro-Banthine | 3 | A |
| Proparacaine | Ophthaine | 4 | C |
| Propentophylline | Karsivan | 3 | B |
| Propiomazine | Largon | 2 | A |
| Propionylpromazine | Tranvet | 2 | A |
| Propiram | | 2 | A |
| Propofol | Diprivan, Disoprivan | 2 | A |
| Propoxycaïne | Ravocaine | 2 | A |

| 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 |
| Pyrithyldione | Hybersulfan, Sonodor | 2 | A |
| Quazipam | Doral | 2 | A |
| Quetiapine | Seroquel | 2 | A |
| Quinbolone | | 3 | A |
| Quinapril, Quinaprilat | Accupril | 3 | A |
| Quinidine | Quinidex, Quinocardine | 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 | | 1 | A |
| Somatropin | Nutropin | 2 | A |
| Somatrem | Protropin | 2 | A |
| Sotalol | Betapace, Sotacor | 3 | B |
| Spiclomazine | | 2 | A |
| Spiperone | | 2 | A |
| Spirapril, metabolite Spiraprilat | Renomax | 3 | A |
| Spironalactone | Aldactone | 4 | B |
| Stanozolol | Winstrol-V | 3 | B |
| Stenbolone | | 3 | A |
| Strychnine | | 1 | A |
| Succinylcholine | Sucostrin, Quelin, etc. | 2 | A |
| Sufentanil | Sufenta | 1 | A |
| Sulfasalazine | Azulfidine, Azaline | 4 | C |
| Sulfondiethylmethane | | 2 | A |
| Sulfonmethane | | 2 | A |
| Sulforidazine | Inofal | 2 | A |
| Sulindac | Clinoril | 3 | A |
| Sulpiride | Aiglonyl, Sulpitil | 2 | A |
| Sultopride | Barnetil | 2 | A |
| Sumatriptan | Imitrex | 3 | B |
| Synthetic cannabis | Spice, K2, Kronic | 1 | A |
| Tadalafil | Cialis | 3 | A |
| Talbutal | Lotusate | 2 | A |
| Tandospirone | | 2 | A |
| TCO ₂ | | 3 | B |
| Telmisartin | Micardis | 3 | B |
| Temazepam | Restoril | 2 | A |
| Tenoxicam | Alganex, etc. | 3 | B |
| Tepoxalin | | 3 | B |
| Terazosin | Hytrin | 3 | A |
| Terbutaline | Brethine, Bricanyl | 3 | B |
| Terfenadine | Seldane, Triludan | 4 | C |
| Testolactone | Teslac | 3 | B |
| Testosterone | | 3 | B |
| Tetrabenazine | Nitoman | 2 | A |
| Tetracaine | Pontocaine | 2 | A |
| Tetrahydrogestrinone | | 3 | A |
| Tetrahydrozoline | Tyzine | 4 | B |
| Tetrazepam | Musaril, Myolastin | 2 | A |
| Thebaine | | 2 | A |
| Theobromine | | 4 | B |
| Theophylline | Aqualphyllin, etc. | 3 | B |
| Thialbarbital | Kemithal | 2 | A |
| Thiamylal | 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 |
| Thiphenamil | Trocinate | 4 | B |
| Tiapride | Italprid, Luxoben, etc. | 2 | A |
| Tiaprofenic acid | Surgam | 3 | B |
| Tiletamine | Component of Telazol | 2 | A |
| Timiperone | Tolopelon | 2 | A |
| Timolol | Blocardrin | 3 | B |
| Tocainide | Tonocard | 4 | B |
| Tofisopam | Grandaxain, Seriel | 2 | A |
| Tolazoline | Priscoline | 3 | B |
| Tolmetin | Tolectin | 3 | B |
| Topirimate | Topamax | 2 | A |
| Torseamide (Torasemide) | Demadex | 3 | A |
| Tramadol | Ultram | 2 | B |
| Trandolapril (and metabolite, trandolaprilat) | Tarka | 3 | B |
| Tranexamic acid | | 4 | C |
| Tranlycypromine | Parnate | 2 | A |
| Trazodone | Desyrel | 2 | A |
| Trenbolone | Finoplix | 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 |
| Trichlormethiazide | 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 |
| Trifluperidol | Triperidol | 2 | A |
| Triflupromazine | Vetame, Vesprin | 2 | A |
| Trihexylphenidyl | 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 |
| Triprolidine | Actidil | 3 | B |
| Tubocurarine (Curare) | Metubin | 2 | A |
| Tybamate | Benvil, Nospan, etc. | 2 | A |
| Urethane | | 2 | A |
| Valdecoxib | | 2 | A |
| Valerenic acid | | 3 | A |
| Valnoctamide | Nirvanyl | 2 | A |
| Valsartan | Diovan | 3 | B |
| Vardenafil | Levitra | 3 | A |
| Vedaprofen | | 4 | B |
| Venlafaxine | Efflexor | 2 | A |
| Veralipride | Accional, Veralipril | 2 | A |
| Verapamil | Calan, Isoptin | 4 | B |
| Vercuronium | Norcuron | 2 | A |
| Viloxazine | Catatrol, Vivalan, etc. | 2 | A |
| Vinbarbital | Delvinol | 2 | A |
| Vinylbital | Optanox, Speda | 2 | A |
| Warfarin | Coumadin, Coufarin | 5 | D |
| Xylazine | Rompun, Bay Va 1470 | 3 | B |
| Xylometazoline | Otrivin | 4 | B |
| Yohimbine | | 2 | B |
| Zafirlukast | Accolate | 4 | C |
| Zaleplon | Sonata | 2 | A |
| Zeranol | Ralgro | 4 | C |
| Ziconotide | | 1 | A |
| Zileuton | Zyflo | 4 | C |
| Zilpaterol hydrochloride | Zilpaterol | 2 | A |
| Ziprasidone | Geoden | 2 | A |
| Zolazepam | | 2 | A |
| Zolmitriptan | Zomig | 3 | B |
| Zolpidem | Ambien, Stilnox | 2 | A |
| Zomepirac | Zomax | 2 | B |
| Zonisamide | Zonegran | 3 | B |
| Zopiclone | Imovan | 2 | A |
| Zotepine | Lodopin | 2 | A |
| Zuclopenthixol | Ciatyl, Cesordinol | 2 | A |
| Δ-1-androstene-3, 17-diol | | 3 | 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 1* 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 |
|-------------------------------------|--|------------|---------------|
| 3,4-methylenedioxypropylprovalerone | MDPV, "Bath Salts" | 1 | A |
| Alfentanil | Alfenta | 1 | A |
| Aminorex | Aminoxafen, Aminoxaphen, Apiquel, McN-742, Menocil | 1 | A |
| Amphetamine | | 1 | A |
| Anileridine | Leritine | 1 | A |
| Apomorphine | | 1 | A |
| Benzylpiperazine (BZP) | | 1 | A |
| Carfentanil | | 1 | A |
| Cathinone | khat, kat, qat, quat, chat, catha, Abyssinian tea, African tea | 1 | A |
| Chlorpromazine | Thorazine, Largactil | 1 | A |
| a-Cobratoxin | | 1 | A |
| Cocaine | | 1 | A |
| Codeine | | 1 | A |
| Darbepoetin | Aranesp | 1 | A |
| DEA Schedule 1 (all)* | | 1 | A |
| Dermorphin | | 1 | A |
| Dextromoramide | Palfium, Narcolo | 1 | A |
| Diamorphine | | 1 | A |
| Donepezil | Aricept | 1 | A |
| Endorphins | | 1 | A |
| Enkephalins | | 1 | A |
| Erythropoietin (EPO) | Epogen, Procrit, et al | 1 | A |
| Ethylphenidate | | 1 | A |
| Ethylmorphine | Dionin | 1 | A |
| Etorphine HCl | M99 | 1 | A |
| Fentanyl | Sublimaze | 1 | A |
| Heroin | | 1 | A |
| Hydrocodone (dihydrocodienone) | Hydcoane | 1 | A |

| Drug/Substance | Trade Name(s) | Drug Class | Penalty Class |
|---|------------------|------------|----------------|
| Hydromorphone | Dilaudid | 1 | A |
| Hydroxyamphetamine | Paradrine | 1 | A |
| Levorphanol | Levo-Dremoran | 1 | A |
| Lofentanil | | 1 | A |
| Mazindol | Sanorex | 1 | A |
| Meldonium | | 1 | A |
| Meperidine | Demerol | 1 | A |
| Mephentermine | Wyamine | 1 | A |
| Metaraminol | Aramine | 1 | A |
| Methadone | Dolophine | 1 | A |
| Methamphetamine | Desoxyn | 1 | A ⁵ |
| Methaqualone | Quaalude | 1 | A |
| Methcathinone | | 1 | A |
| Methylhexanamine (Methylhexaneamine) | Geranamine | 1 | A |
| Methylphenidate | Ritalin | 1 | A |
| Metopon (methyldihydromorphinone) | | 1 | A |
| Morphine | | 1 | A |
| myo-inositol trispyrophosphate (ITPP) | | 1 | A |
| Nikethamide | Coramine | 1 | A |
| Oxycodone | Percodan | 1 | A |
| Oxymorphone | Numorphan | 1 | A |
| Pemoline | Cylert | 1 | A |
| Pentylenetetrazol | Metrazol, Nioric | 1 | A |
| Phenazocine | Narphen | 1 | A |
| Phencyclidine (PCP) | Sernylan | 1 | A |
| Phendimetrazine | Bontril, etc. | 1 | A |
| Phenmetrazine | Preludin | 1 | A |
| Picrotoxin | | 1 | A |
| Piritramide | | 1 | A |
| Remifentanil | Ultiva | 1 | A |

⁵ 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 | | 1 | A |
| Strychnine | | 1 | A |
| Sufentanil | Sufenta | 1 | A |
| Synthetic cannabis | Spice, K2, Kronic | 1 | A |

| Drug/Substance | Trade Name(s) | Drug Class | Penalty Class |
|----------------|---------------|------------|---------------|
| Ziconotide | | 1 | 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 |
| Acecarbromal | | 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 | | 2 | A |
| Anilopam | Anisine | 2 | A |
| Aprobarbital | Alurate | 2 | A |
| Articaine | Septocaine; Ultracaine, etc. | 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 |
| Bentazepam | Tiadipona | 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 | Brotocol | 2 | A |
| Bupivacaine | Marcaine | 2 | A |
| Buprenorphine | Temgesic | 2 | A |
| Buspirone | Buspar | 2 | A |
| Bupropion | Wellbutrin | 2 | A |
| Butabarbital (Secbutobarbitone) | Butacaps, Butasol, etc. | 2 | A |
| Butacaine | Butyn | 2 | A |
| Butalbital (Talbutal) | Fiorinal | 2 | A |
| Butanilicaine | Hostacain | 2 | A |
| Butaperazine | Repoise | 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 |
| Carpipramine | 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, Oridrate, etc. | 2 | A |
| Chloraldehyde (chloral) | | 2 | A |
| Chlordiazepoxide | Librium | 2 | A |
| Chlormezanone | Trancopal | 2 | A |
| Chloroform | | 2 | A |
| Chlorhexidol | | 2 | A |
| Chloroprocaine | Nesacaine | 2 | A |
| Chlorproethazine | Newiplege | 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 |
| Clorazepate | Tranxene | 2 | A |
| Clormecaine | Placacid | 2 | A |
| Clothiapine | Entermin | 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 |
| Dilorazepam | 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 |
| Ethoheptazine | Zactane | 2 | A |
| Ethopropazine | Parsidol | 2 | A |
| Ethylisobutrazine | Diquel | 2 | A |
| Etidocaine | Duranest | 2 | A |
| Etifoxin | Stresam | 2 | A |
| Etizolam | Depas, Pasaden | 2 | A |
| Etodroxizine | Indunox | 2 | A |
| Etomidate | | 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, Fluanxol | 2 | A |
| Fluphenazine | Prolixin, Permitil, Anatsol, 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 | Restas | 2 | A |
| Fluvoxamine | Dumirox, Faverin, etc. | 2 | A |
| Galantamine | Reminyl | 2 | A |
| Gallamine | Flaxedil | 2 | A |
| Gepirone | | 2 | A |
| Glutethimide | Doriden | 2 | A |
| Halazepam | Paxipam | 2 | A |
| Haloperidol | Haldol | 2 | A |
| Haloxazolam | Somelin | 2 | A |
| Hemoglobin glutamers | Oxyglobin, Hemopure | 2 | A |
| Hexafluorenum | Myalexen | 2 | A |
| Hexobarbital | Evipal | 2 | A |
| Hexylcaine | Cyclaine | 2 | B |
| Homophenazine | Pelvichthol | 2 | A |
| Hydroxyzine | Atarax | 2 | B |
| Ibomal | Noctal | 2 | A |
| Imipramine | Imavate, Presamine, Tofranil | 2 | A |
| Isapirone | | 2 | A |
| Isocarboxazid | Marplan | 2 | A |
| Isomethadone | | 2 | A |
| Isoproterenol | Isoprel | 2 | A |
| Isoxicam | Maxicam | 2 | B |
| Ketamine | Ketalar, Ketaset, Vetalar | 2 | B |
| Ketazolam | Anxon, Laftram, Solatran, Loftran | 2 | A |
| Lenperone | Elanone-V | 2 | A |
| Levamisole | | 2 | B |
| Levomethorphan | | 2 | A |
| Lidocaine | Xylocaine | 2 | B |
| Lithium | Lithizine, Duralith, etc. | 2 | A |
| Lobeline | | 2 | A |
| Loflazepate, Ethyl | Victan | 2 | A |
| Loprazolam | Dormonort, Havlane | 2 | A |
| Lorazepam | Ativan | 2 | A |
| Lormetazepam | Noctamid | 2 | A |
| Loxapine | Laxitane | 2 | A |
| Maprotiline | Ludiomil | 2 | A |
| Mebutamate | Axiten, Dormate, Capla | 2 | A |
| Meclofenoxate | 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 |
| Mephenoalone | Control, etc. | 2 | A |
| Mephentyoin | Mesantoin | 2 | A |
| Mephobarbital (Methylphenobarbital) | Mebaral | 2 | A |
| Mepivacaine | Carbocaine | 2 | B |
| Meprobamate | Equanil, Miltown | 2 | A |
| Mesoridazine | Serentil | 2 | A |
| Metaclazepam | Talis | 2 | A |
| Metazocine | | 2 | A |
| Metharbital | Gemonil | 2 | A |
| Methohexital | Brevital | 2 | A |
| Methotrimeprazine | Levoprome, Neurocil, etc. | 2 | A |
| Methypylon | 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 | Luvatren | 2 | A |
| Mosaprimine | | 2 | A |
| Naepaine | Amylsine | 2 | A |
| Nalbuphine | Nubain | 2 | A |
| Nalorphine | Nalline, Lethidrone | 2 | A |
| Nefazodone | Serzone | 2 | A |
| Nimetazepam | Erimin | 2 | A |
| Nitrazepam | Mogadon | 2 | A |
| Nitroglycerin | | 2 | B |
| Nordiazepam | Calmday, Nordaz, etc. | 2 | A |
| Norepinephrine | | 2 | A |
| Nortriptyline | Aventyl, Pamelor | 2 | A |
| Olanzapine | Zyprexa | 2 | A |
| Oxazepam | Serax | 2 | A |
| Oxazolam | 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 |
| Perlapine | 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 |
| Piminodine | Alvodine, Cimadon | 2 | A |
| Pimozide | Orap | 2 | A |
| Pinazepam | Domar | 2 | A |
| Pipamperone | Dipiperon | 2 | A |
| Pipecuronium | Arduan | 2 | A |
| Pipequaline | | 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 |
| Prazepam | Verstran, Centrax | 2 | A |
| Prilocaine | Citanest | 2 | A |
| Prochlorperazine | Darbazine, Compazine | 2 | A |
| Propanidid | | 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 |
| Proxibarbital | Axeen, Centralgol | 2 | A |
| Pyrithyldione | 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 |
| Ritanserin | | 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, Zoloft | 2 | A |
| Somatrem | Protropin | 2 | A |
| Somatropin | Nutropin | 2 | A |
| Spiclomazine | | 2 | A |
| Spiperone | | 2 | A |
| Succinylcholine | Sucostrin, Quelin, etc. | 2 | A |
| Sulfondiethylmethane | | 2 | A |
| Sulfonmethane | | 2 | A |
| Sulforidazine | Inofal | 2 | A |
| Sulpiride | Aiglonyl, Sulpitol | 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 |
|---------------------------|-------------------------|------------|---------------|
| Thialbarbital | 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 |
| Tiapride | 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 |
| Tranlycypromine | Parnate | 2 | A |
| Trazodone | Desyrel | 2 | A |
| Tretoquinol | Inolin | 2 | A |
| Triazolam | Halcion | 2 | A |
| Tribromethanol | | 2 | A |
| Tricaine methanesulfonate | Finquel | 2 | A |
| Trichloroethanol | | 2 | A |
| Trichloroethylene | Trilene, Trimar | 2 | A |
| Triclofos | Triclos | 2 | A |
| Trifluomeprazine | Nortran | 2 | A |
| Trifluoperazine | Stelazine | 2 | A |
| Trifluoperidol | Triperidol | 2 | A |
| Triflupromazine | Vetame, Vesprin | 2 | A |
| Trimipramine | Surmontil | 2 | A |
| Tubocurarine (Curare) | Metubin | 2 | A |
| Tybamate | Benvil, Nospan, etc. | 2 | A |
| Urethane | | 2 | A |
| Valdecoxib | | 2 | A |
| Valnoctamide | Nirvanyl | 2 | A |
| Venlafaxine | Efflexor | 2 | A |
| Veralipride | Accional, Veralipril | 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 |
| Amibenonium | Mytelase, 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 | Esbatol | 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 | Bretylol | 3 | B |
| Bromfenac | Duract | 3 | A |
| Bromodiphenhydramine | | 3 | B |
| Brompheniramine | Dimetane, Disomer | 3 | B |
| Bufexamac | | 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 | Capolen | 3 | B |
| Carazolol | Carbacel, Conducton | 3 | A |
| Carbachol | Lentin, Doryl | 3 | B |
| Carbamezapine | Tegretol | 3 | B |
| Carbinoxamine | Clistin | 3 | B |
| Carteolol | Cartrol | 3 | B |
| Carvedilol | Coreg | 3 | B |
| Celecoxib | Celebrex | 3 | B |
| Cimeterol | | 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 ⁷ |
| Cyclandelate | Cyclospasmol | 3 | A |
| Cyclizine | Merazine | 3 | B |
| Cycrimine | 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 |
| Diflunisal | | 3 | B |
| Dimeflin | | 3 | A |

⁷ 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 | Tensilon | 3 | B |
| Eletripan | Relpax | 3 | A |
| Enalapril (metabolite enalaprilat) | Vasotec | 3 | A |
| Erthrityl 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 | Bronkephrine | 3 | A |
| Etodolac | Lodine | 3 | B |
| Felbamate | Felbatol | 3 | B |
| Fenbufen | Cincopal | 3 | B |
| Fenoldopam | Corlopam | 3 | B |
| Fenoprofen | Nalfon | 3 | B |
| Fenoterol | Berotec | 3 | B |
| Fenspiride | Respiride, Respan, etc | 3 | B |
| Fentiazac | | 3 | B |
| Flurbiprofen | Froben | 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 |
| Gestrinone | | 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 | Apresoline | 3 | B |
| 4-Hydroxytestosterone | | 3 | B |
| Ibutilide | Corvert | 3 | B |
| Iloprost | Ventavis | 3 | A |
| Indomethacin | Indocin | 3 | B |
| Ipratropium | | 3 | B |
| Irbesarten | Avapro | 3 | A |
| Isoetharine | Bronkosol | 3 | B |
| Isosorbide 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 |
| Meclizine | 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 |
| Methantheline | 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 |
|-------------------------------------|----------------------------------|------------|---------------|
| Methyldopa | Aldomet | 3 | A |
| Methylnortestosterone (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 | 3 | B |
| Naratriptan | Amerge | 3 | B |
| Nebivolol | | 3 | A |
| Nefopam | | 3 | A |
| Neostigmine | Prostigmine | 3 | B |
| Niflumic Acid | Nifluril | 3 | B |
| Nimesulide | | 3 | B |
| 19-Norandrostenediol | | 3 | B |
| 19-Norandrostenedione | | 3 | B |
| Norbolethone/Norboletone | | 3 | A |
| Norclostebol | | 3 | A |
| Norethandrolone | | 3 | A |
| Nortestosterone | | 3 | B |
| Nylidrine | Arlidin | 3 | A |
| Olmesartan | Benicar | 3 | A |
| Oxabolone | | 3 | A |
| Oxandrolone | Anavar | 3 | B |
| Oxcarbazepine | Trileptal | 3 | A |
| Oxprenolol | Trasicor | 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 | Paradione | 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 |
| Procatenol | Pro Air | 3 | A |
| Procyclidine | Kemadrin | 3 | B |
| Promazine | Sparine | 3 | B |
| Promethazine | Phenergan | 3 | B |
| Propantheline | 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 ₂ | | 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 | Aqualphyllin, etc. | 3 | B |
| Tiaprofenic Acid | Surgam | 3 | B |
| Timolol | Blocardrin | 3 | B |
| Tolazoline | Priscoline | 3 | B |
| Tolmetin | Tolectin | 3 | B |
| Torsemide (Torasemide) | Demadex | 3 | A |
| Trandolapril (and metabolite, Trandolaprilat) | Tarka | 3 | B |
| Trenbolone | Finoplix | 3 | B |
| Trihexylphenidyl | Artane | 3 | A |
| Trimethadione | Tridione | 3 | B |
| Trimethaphan | Arfonad | 3 | A |
| Tripelethamine | PBZ | 3 | B |
| Tripolidine | 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 |
| Δ-1-androstene-3, 17-diol | | 3 | A |
| Δ-1-androstene-3, 17-dione | | 3 | A |
| Δ-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, Electro cortin | 4 | B |
| Ambroxol | Ambril, etc. | 4 | B |
| Amcinonide | Cyclocort | 4 | C |
| Amiloride | Moduretic; Midamor | 4 | B |
| Aminocaproic acid | Amicar, Caprocid | 4 | C |
| Amiodarone | | 4 | B |
| Aminopyrine | | 4 | B |
| Amisometradine | Rolietron | 4 | B |
| Amlopidine | Norvasc, Ammivin | 4 | B |
| Amrinone | | 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 |
| Bepidil | Bepadin | 4 | B |
| Betamethasone | Betasone, etc. | 4 | C |
| Bethanechol | Urecholine, Duvoid | 4 | C |
| Bromhexine | Oletor, etc. | 4 | B |
| Budesonide | Pulmacort, Rhinocort | 4 | C |
| Butamben (butyl aminobenzoate) | Butesin | 4 | C |
| Butoxycaine | 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 | Chlor triemton, etc. | 4 | B |
| Chlorthalidone | Hydroton | 4 | B |
| Chlorzoxazone | Paraflex | 4 | B |
| Ciclesonide | | 4 | C |
| Cilostazol | Pletal | 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 |
| Dichlorophenamide | Daramide | 4 | C |
| Diclofenac | Voltaren, Voltarol | 4 | C |
| Difflorasone | Florone, Maxiflor | 4 | C |
| Diffucortolone | Flu-Cortinest, etc. | 4 | C |
| Digitoxin | Crystodigin | 4 | B |
| Digoxin | Lanoxin | 4 | B |
| Dihydroergotamine | | 4 | B |
| Diltiazem | Cardizem | 4 | B |
| Dimethisoquin | Quotane | 4 | B |
| Dimethylsulfoxide (DMSO) | Domoso | 4 | C |
| Diphenoxylate | Difenoxin, Lomotil | 4 | B |
| Dipyrrone | Novin, Methampyrone | 4 | C |
| Disopyramide | Norpace | 4 | B |
| Dyclonine | Dyclone | 4 | C |
| Eltenac | | 4 | B |
| Ergonovine | Ergotrate | 4 | C |
| Ergotamine | Gynergen, Cafegot, etc. | 4 | B |

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 |
|------------------------------------|-----------------------------|------------|---------------|
| Etanercept | Enbrel | 4 | B |
| Ethotoin | Peganone | 4 | B |
| Ethoxzolamide | Cardrase, Ethamide | 4 | C |
| Ethylaminobenzoate (Benzocaine) | Semets, etc. | 4 | C |
| Felodipine | Plendil | 4 | B |
| Fexofenadine | Allegra | 4 | C |
| Firocoxib | | 4 | C |
| Flecainide | Idalon | 4 | B |
| Floctafenine | Idalon, Idarac | 4 | B |
| Fludrocortisone | Alforone, etc. | 4 | C |
| Flumethasone | Flucort, etc. | 4 | C |
| Flumethiazide | Ademol | 4 | B |
| Flunarizine | Sibelium | 4 | B |
| Flunisolide | Bronilide, etc. | 4 | C |
| Flunixin | Banamine | 4 | C* |
| Fluocinolone | Synalar | 4 | C |
| Fluocinonide | Licon, Lidex | 4 | C |
| Fluorometholone | FML | 4 | C |
| Fluoroprednisolone | | 4 | B |
| Fluprednisolone | Alphadrol | 4 | C |
| Flurandrenolide | Cordran | 4 | C |
| Fluticasone | Flixonase, Flutide | 4 | C |
| Glycopyrrolate | Robinul | 4 | C |
| Guaifenesin (glycerol guaiacolate) | Gecolate | 4 | C |
| Halcinonide | Halog | 4 | C |
| Halobetasol | Ultravate | 4 | C |
| Hexocyclium | Tral | 4 | B |
| Hydrochlorthiazide | Hydrodiuril | 4 | B |
| Hydrocortisone (Cortisol) | Cortef, etc. | 4 | C |
| Hydroflumethiazide | Saluron | 4 | B |
| Ibuprofen | Motrin, Advil, Nurpin, etc. | 4 | C |
| Infliximab | Remicade | 4 | B |
| Isoflupredone | Predef 2x | 4 | C |
| Isometheptene | Octin, Octon | 4 | B |
| Isopropamide | Darbid | 4 | B |
| Isoxsuprine | Vasodilan | 4 | D |
| Isradipine | DynaCirc | 4 | B |
| Ketoprofen | Orudis | 4 | C* |
| Letosteine | Viscotiol, Visiotal | 4 | B |
| Loratidine | Claritin | 4 | C |
| Meclofenamic acid | Arquel | 4 | C |

| Drug/Substance | Trade Name(s) | Drug Class | Penalty Class |
|--------------------|----------------------|------------|---------------|
| Medryson | Medriusar, etc. | 4 | C |
| Meloxicam | Mobic | 4 | B |
| Mephenesin | Tolserol | 4 | B |
| Meralluride | Mercuhydrin | 4 | B |
| Merbaphen | Novasural | 4 | B |
| Mercaptomerin | Thiomerin | 4 | B |
| Mercumatinil | Cumertilin | 4 | B |
| Mersalyl | Salyrgan | 4 | B |
| Metaxalone | Skelaxin | 4 | B |
| Methazolamide | Naptazane | 4 | C |
| Methocarbamol | Robaxin | 4 | C |
| Methotrexate | Folex, Nexate, etc. | 4 | B |
| Methscopolamine | Pamine | 4 | B |
| Methsuximide | Celontin | 4 | B |
| Methychlothiazide | Enduron | 4 | B |
| Methylergonovine | Methergine | 4 | C |
| Methylprednisolone | Medrol | 4 | C |
| Methysergide | Sansert | 4 | B |
| Metiamide | | 4 | B |
| Metoclopramide | Reglan | 4 | C |
| Mexiletine | Mexitil | 4 | B |
| Milrinone | | 4 | B |
| Mometasone | Elocon | 4 | C |
| Montelukast | Singular | 4 | C |
| Naphazoline | Privine | 4 | B |
| Naproxen | Equiproxen, Naprosyn | 4 | C |
| Nicardipine | Cardine | 4 | B |
| Nifedipine | Procardia | 4 | B |
| Nimodipine | Nemotop | 4 | B |
| Orphenadrine | Norlfex | 4 | B |
| Oxaprozin | Daypro, Deflam | 4 | B |
| Oxymetazoline | Afrin | 4 | B |
| Oxyphenbutazone | Tandearil | 4 | C |
| Oxyphencyclimine | Daricon | 4 | B |
| Oxyphenonium | Antrenyl | 4 | B |
| Paramethasone | Haldrone | 4 | C |
| Pentoxifylline | Trental, Vazofirin | 4 | D |
| Phenacemide | Phenurone | 4 | B |
| Phensuximide | Milontin | 4 | B |
| Phenylbutazone | | 4 | C* |
| Phenytoin | Dilantin | 4 | B |
| Piroxicam | Feldene | 4 | B |

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 |
|--------------------|------------------------|------------|---------------|
| Polythiazide | Renese | 4 | B |
| Pramoxine | Tronothaine | 4 | C |
| Prednisolone | Delta-Cortef, etc. | 4 | C |
| Prednisone | Meticorten, etc. | 4 | C |
| Probenecid | | 4 | C |
| Procainamide | Pronestyl | 4 | B |
| Propafenone | Rythmol | 4 | B |
| Proparacaine | Ophthaine | 4 | C |
| Propylhexedrine | Benzedrex | 4 | B |
| Quinidine | Quinidex, Quinicardine | 4 | B |
| Salicylamide | | 4 | C |
| Salicylate | | 4 | C |
| Scopolamine | Triptone | 4 | C |
| Spironalactone | Aldactone | 4 | B |
| Sulfasalazine | Azulfidine, Azaline | 4 | C |
| Terfenadine | Seldane, Triludan | 4 | C |
| Tetrahydrozoline | Tyzine | 4 | B |
| Theobromine | | 4 | B |
| Thiosalicylate | | 4 | B |
| Thiphenamil | Trocinate | 4 | B |
| Tocainide | Tonocard | 4 | B |
| Tranexamic acid | | 4 | C |
| Triamcinolone | Vetalog, etc. | 4 | C |
| Triamterene | Dyrenium | 4 | B |
| Trichlormethiazide | Naqua, Naquasone | 4 | C |
| Tridihexethyl | Pathilon | 4 | B |
| Trimeprazine | Temaril | 4 | B |
| Vedaprofen | | 4 | B |
| Verapamil | Calan, Isoptin | 4 | B |
| Xylometazoline | Otrivin | 4 | B |
| Zafirlukast | Accolate | 4 | C |
| Zeranol | Ralgro | 4 | C |
| Zileuton | Zyflo | 4 | C |

*See Recommended Penalty Section of Document

Listing by Classification (Continued)

Class 5: This class includes those therapeutic medications for which concentration limits have been established by the racing jurisdictions as well as certain miscellaneous agents and other medications as determined by the regulatory bodies.

| Drug/Substance | Trade Name(s) | Drug Class | Penalty Class |
|---------------------|--------------------|------------|---------------|
| Acenocoumarol | | 5 | C |
| Anisindione | | 5 | D |
| Cimetidine | Tagamet | 5 | D |
| Cromolyn | Intel | 5 | D |
| Dicumarol | Dicumarol | 5 | C |
| Diphenadione | | 5 | C |
| Esomeprazole | Nexium | 5 | D |
| Famotidine | Gaster, etc. | 5 | D |
| Lansoprazole | | 5 | D |
| Mesalamine | Asacol | 5 | C |
| Misoprostol | Cytotec | 5 | D |
| Nedocromil | Tilade | 5 | D |
| Nizatidine | Axid | 5 | C |
| Olsalazine | Dipentum | 5 | C |
| Omeprazole | Prilosec, Losec | 5 | D |
| Pantoprazole | Protonix | 5 | D |
| Phenindione | Hedulin | 5 | D |
| Phenprocoumon | Liquamar | 5 | D |
| Pirenzepine | Gastrozepin | 5 | C |
| Polyethylene glycol | | 5 | D |
| Rabeprazole | Aciphex | 5 | D |
| Ranitidine | Zantac | 5 | D |
| Warfarin | Coumadin, Coufarin | 5 | D |

Non-Classified Substances

Substances that are considered to have no effect on the physiology of a racing animal except to improve nutrition or treat or prevent infections or parasite infestations, are not classified. These Substances normally include antimicrobials, antiparasitic drugs, and nutrients such as vitamins. Examples of such substances include the following:

Sulfonamides and trimethoprim

Bufotenine

1. Note: Bufotenine is not commercially available in any form.

Antibiotics: Penicillins
Cephalosporins
Chloramphenicol
Aminoglycosides
Tetractckubes
Nitrofurans
Metronidazole

2. Note: Bufotenine is a metabolite of 5-methoxy-N-N dimethyltryptamine, found in reed canary grass (and potentially other food source plants). It may be found in the urine of horses eating this grass (and potentially other plant foods), and has been reported as a positive finding. Findings of bufotenine in equine urine should not be considered for regulatory action.

Anthelmintics: Avermectins
Benzimidazoles
Piperazines
Pyrantel

Antifungals

Vitamins A, D, E, K, B vitamins
Vitamin C

NOTE: Dimethylsulphone (MSM) has been removed from the classification document and its status is "Do Not Report".

Recommended Penalty and Model Rule

The following are recommended penalties for violations due to the presence of a drug carrying a Category “A” penalty and for violations of ARCI-011-015 and ARCI-025-015: Prohibited Practices:

| LICENSED TRAINER: | | |
|---|--|--|
| 1st Offense | 2nd LIFETIME offense in any jurisdiction | 3rd LIFETIME offense in any jurisdiction |
| <ul style="list-style-type: none"> • Minimum one-year suspension absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of a three-year suspension <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Minimum fine of \$10,000 or 10% of total purse (greater of the two) absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of \$25,000 or 25% of purse (greater of the two). <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • May be referred to the Commission for any further action deemed necessary by the Commission. | <ul style="list-style-type: none"> • Minimum three-year suspension absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of license revocation with no reapplication for a three-year period. <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Minimum fine of \$25,000 or 25% of total purse (greater of the two) absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of \$50,000 or 50% purse (greater of the two). <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • May be referred to the Commission for any further action deemed necessary by the Commission. | <ul style="list-style-type: none"> • Minimum five-year suspension absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of license revocation with no reapplication for a five-year period. <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Minimum fine of \$50,000 or 50% of total purse (greater of the two) absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of \$100,000 or 100% purse (greater of the two). <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • May be referred to the Commission for any further action deemed necessary by the Commission. |
| LICENSED OWNER: | | |
| 1st Offense | 2nd LIFETIME offense in owner’s stable any jurisdiction | 3rd LIFETIME offense in owner’s stable in any jurisdiction |
| <ul style="list-style-type: none"> • Disqualification and loss of purse <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Horse shall be placed on the Veterinarian’s List for 90 days and must pass a commission-approved examination before becoming eligible to be entered. | <ul style="list-style-type: none"> • Disqualification and loss of purse <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Horse shall be placed on the Veterinarian’s List for 120 days and must pass a commission-approved examination before becoming eligible to be entered. | <ul style="list-style-type: none"> • Disqualification, loss of purse and \$50,000 fine <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Horse shall be placed on the Veterinarian’s List for 180 days and must pass a commission-approved examination before becoming eligible to be entered. <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Referral to the Commission with a recommendation of a suspension for a minimum of 90 days. |

Recommended Penalty and Model Rule (Continued)

The following are recommended penalties for violations due to the presence of a drug carrying Category “B” penalty, for the presence of more than one NSAID in a plasma/serum sample, subject to the provisions set forth in ARCI-011-020(E) and ARCI-025-020(E) and for violations of the established levels for total carbon dioxide:

| LICENSED TRAINER: | | |
|---|--|---|
| 1st Offense | 2nd offense (365-day period) in any jurisdiction | 3rd offense (365-day period) in any jurisdiction |
| <ul style="list-style-type: none"> • Minimum 15-day suspension absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of a 60-day suspension <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Minimum fine of \$500 absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum fine of \$1,000. | <ul style="list-style-type: none"> • Minimum 30-day suspension absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of a 180-day suspension <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Minimum fine of \$1,000 absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum fine of \$2,500. | <ul style="list-style-type: none"> • Minimum 60-day suspension absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of a one-year suspension. <ul style="list-style-type: none"> • Minimum fine of \$2,500 absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of \$5,000 or 5% purse (greater of the two). <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • May be referred to the Commission for any further action deemed necessary by the Commission. |
| LICENSED OWNER: | | |
| 1st Offense | 2nd offense (365-day period) in owner’s stable any jurisdiction | 3rd offense (365-day period) in owner’s stable in any jurisdiction |
| <ul style="list-style-type: none"> • Disqualification and loss of purse [in the absence of mitigating circumstances]* <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Horse must pass a commission-approved examination before becoming eligible to be entered. | <ul style="list-style-type: none"> • Disqualification and loss of purse [in the absence of mitigating circumstances]* <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Horse must pass a commission-approved examination before becoming eligible to be entered. | <ul style="list-style-type: none"> • Disqualification, loss of purse, and in the absence of mitigating circumstances a \$5,000 fine.* <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> • Horse shall be placed on the Veterinarian’s List for 45 days and must pass a commission-approved examination before becoming eligible to be entered. |

Recommended Penalty and Model Rule (Continued)

The following are recommended penalties for violations due to the presence of a drug carrying a Category “C” penalty and overages for permitted NSAIDs and furosemide: *(All concentrations are for measurements in serum or plasma.)*

| LICENSED TRAINER | Phenylbutazone (>2.0-5.0 mcg/ml)* Flunixin (>20 - 100 ng/ml) Ketoprofen (>2- 50 ng/ml) Furosemide (>100 ng/ml) and/or no furosemide when identified as administered | Phenylbutazone (>5.0 mcg/ml) Flunixin (>100 ng/ml) Ketoprofen (>50 ng/ml) and CLASS C Violations |
|--|--|---|
| 1 st Offense (365-day period) in any jurisdiction | Minimum of a written warning to maximum fine of \$500 | Minimum fine of \$1,000 absent mitigating circumstances |
| 2 nd Offense (365-day period) in any jurisdiction | Minimum of a written warning to maximum fine of \$750 | Minimum fine of \$1,500 and 15-day suspension absent mitigating circumstances |
| 3 rd Offense (365-day period) in any jurisdiction | Minimum fine of \$500 to a maximum fine of \$1,000 | Minimum fine of \$2,500 and 30-day suspension absent mitigating circumstances |
| LICENSED OWNER | Phenylbutazone (>2.0-5.0 mcg/ml)* Flunixin (>20 - 100 ng/ml) Ketoprofen (>2- 50 ng/ml) Furosemide (>100 ng/ml) and/or no furosemide when identified as administered | Phenylbutazone (>5.0 mcg/ml) Flunixin (>100 ng/ml) Ketoprofen (>50 ng/ml) and CLASS C Violations |
| 1 st Offense (365-day period) in any jurisdiction | Horse may be required to pass commission-approved examination before being eligible to run | Loss of purse. Horse must pass commission-approved examination before being eligible to run |
| 2 nd Offense (365-day period) in any jurisdiction | Horse may be required to pass commission-approved examination before being eligible to run | Loss of purse. If same horse, placed on veterinarian’s list for 45 days, must pass commission-approved examination before being eligible to run |
| 3 rd Offense (365-day period) in any jurisdiction | Disqualification and loss of purse. Horse must pass commission-approved examination before being eligible to run | Loss of purse. Minimum \$5,000 fine. If same horse, placed on veterinarian’s list for 60 days, must pass commission-approved examination before being eligible to run |

*If the trainer has not had more than one violation within the previous two years, the Stewards/Judges are encouraged to issue a warning in lieu of a fine provided the reported level is below 3.0 mcg/ml absent of aggravating factors.

After a two-year period, if the licensee has had no further violations, any penalty due to an overage in the 2.0-5.0 category will be expunged from the licensee’s record for penalty purposes.

Recommended Penalty and Model Rule (Continued)

The recommended penalty for a violation involving a drug that carries a Category “D” penalty is a written warning to the trainer and owner. Multiple violations may result in fines and/or suspension.

Recent Document Revisions

| Version | Date | Drug/Substance | Notes | Approx. Page(s) |
|---------|------------------|------------------------|---|-----------------|
| 13.00 | January 11, 2017 | | Version 13.00 Publication Date | All |
| 13.00 | December 2016 | Methdilazine | Changed from Class 4 to Class 3 | 7, 20 |
| 13.00 | December 2016 | Naepaine | Changed from Class 4/Penalty C to Class 2/Penalty A | 8, 16 |
| 13.00 | December 2016 | Nortestosterone | Changed from Class 4/Penalty C to Class 3/Penalty B | 8, 32 |
| 13.00 | December 2016 | Olsalazine | Changed from Class 4/Penalty B to Class 5/Penalty C | 8, 26 |
| 13.00 | December 2016 | Oxaprozin | Changed from Penalty C to Penalty B | 8, 24 |
| 13.00 | December 2016 | Pentoxifylline | Changed from Penalty C to Penalty D | 8, 24 |
| 13.00 | December 2016 | Terfenadine | Changed from Penalty B to Penalty C | 10, 25 |
| 13.00 | December 2016 | Thiosalicylate | Changed from Penalty C to Penalty B | 10, 25 |
| 13.00 | December 2016 | Triprolidine | Changed from Class 4 to Class 3 | 11, 22 |
| 13.00 | December 2016 | Anisindione | Changed from Penalty C to Penalty D | 1, 26 |
| 13.00 | December 2016 | Cilostazol | Changed from Class 5/Penalty C to Class 4/Penalty B | 3, 23 |
| 13.00 | December 2016 | Cromolyn | Changed from Penalty C to Penalty D | 3, 26 |
| 13.00 | December 2016 | Dimethylsulphone (MSM) | Removed from classifications; recommended "do not report" | n/a |
| 13.00 | December 2016 | Misoprostol | Changed from Penalty C to Penalty D | 7, 26 |
| 13.00 | December 2016 | Nedocromil | Changed from Penalty C to Penalty D | 8, 26 |
| 13.00 | December 2016 | Phenindione | Changed from Penalty C to Penalty D | 9, 26 |
| 13.00 | December 2016 | Phenprocoumon | Changed from Penalty C to Penalty D | 9, 26 |
| 13.00 | December 2016 | Polyethylene Glycol | Changed from Penalty C to Penalty D | 9, 26 |
| 13.00 | December 2016 | Warfarin | Changed from Penalty C to Penalty D | 11, 26 |
| 13.00 | December 2016 | Pirbuterol | Changed from Penalty A to Penalty B | 9, 21 |
| 13.00 | December 2016 | Piroxicam | Changed from Class 3 to Class 4 | 9, 24 |
| 13.00 | December 2016 | Prostanazol | Changed from Penalty B to Penalty A | 9, 21 |
| 13.00 | December 2016 | Quinbolone | Changed from Penalty B to Penalty A | 9, 21 |
| 13.00 | December 2016 | Scopolamine | Changed from Class 3/Penalty B to Class 4/Penalty C | 10, 25 |
| 13.00 | December 2016 | Stenbolone | Changed from Penalty B to Penalty A | 10, 22 |
| 13.00 | December 2016 | TCO ₂ | Changed from Unclassified with Penalty B recommended to Class 3/Penalty B | 10, 22 |
| 13.00 | December 2016 | Acetazolamide | Changed from Penalty B to Penalty C | 1, 23 |
| 13.00 | December 2016 | Ambroxol | Changed from Penalty C to Penalty B | 1, 23 |

| Version | Date | Drug/Substance | Notes | Approx. Page(s) |
|---------|---------------|---------------------------------|---|-----------------|
| 13.00 | December 2016 | Brompheniramine | Changed from Class 4 to Class 3 | 2, 19 |
| 13.00 | December 2016 | Butacaine | Changed from Class 4/Penalty C to Class 2/Penalty A | 2, 14 |
| 13.00 | December 2016 | Carbazochrome | Changed from Penalty C to Penalty B | 2, 23 |
| 13.00 | December 2016 | Ciclesonide | Changed from Penalty B to Penalty C | 3, 23 |
| 13.00 | December 2016 | Cinchocaine | Changed from Class 4/Penalty C to Class 2/Penalty A | 3,4,14, 15 |
| 13.00 | December 2016 | Clibucaine | Changed from Class 4/Penalty C to Class 2/Penalty A | 3,15 |
| 13.00 | December 2016 | Clormecaine | Changed from Class 4/Penalty C to Class 2/Penalty A | 3,15 |
| 13.00 | December 2016 | Cyclizine | Changed from Class 4 to Class 3 | 3,19 |
| 13.00 | December 2016 | Cyproheptadine | Changed from Class 4/Penalty C to Class 3/Penalty B | 3,19 |
| 13.00 | December 2016 | Dibucaine | Changed from Class 4/Penalty C to Class 2/Penalty B | 4,15 |
| 13.00 | December 2016 | Eltenac | Changed from Penalty C to Penalty B | 4,23 |
| 13.00 | December 2016 | Ethoheptazine | Changed from Class 4/Penalty C to Class 2/Penalty A | 4,15 |
| 13.00 | December 2016 | Fluorometholone | Changed from Penalty B to Penalty C | 5,24 |
| 13.00 | December 2016 | Fluoroprednisolone | Changed from Penalty C to Penalty B | 5,24 |
| 13.00 | December 2016 | Hexylcaine | Changed from Class 4/Penalty C to Class 2/Penalty B | 5,16 |
| 13.00 | December 2016 | Isoxsuprine | Changed from Penalty C to Penalty D | 6,24 |
| 13.00 | December 2016 | Letosteine | Changed from Penalty C to Penalty B | 6,24 |
| 13.00 | December 2016 | Loratidine | Changed from Penalty B to Penalty C | 6,24 |
| 13.00 | December 2016 | Meclizine | Changed from Class 4 to Class 3 | 6,20 |
| 13.00 | December 2016 | Methapyrilene | Changed from Class 4 to Class 3 | 7,20 |
| 13.00 | December 2016 | Amyl Nitrite | Changed from Class 3 to Class 2 | 1,14 |
| 13.00 | December 2016 | Arformoterol | Changed from Penalty A to Penalty B | 1,19 |
| 13.00 | December 2016 | Calusterone | Changed from Penalty B to Penalty A | 2,19 |
| 13.00 | December 2016 | Clostebol | Changed from Penalty B to Penalty A | 3,19 |
| 13.00 | December 2016 | Dehydrochloromethyltestosterone | Changed from Penalty B to Penalty A | 3,19 |
| 13.00 | December 2016 | Desoxymethyltestosterone | Changed from Penalty B to Penalty A | 3,19 |
| 13.00 | December 2016 | Enalapril | Changed from Penalty B to Penalty A | 4,20 |
| 13.00 | December 2016 | Felbamate | Changed from Penalty A to Penalty B | 5,20 |
| 13.00 | December 2016 | Furazabol | Changed from Penalty B to Penalty A | 5,20 |
| 13.00 | December 2016 | Glycopyrrolate | Changed from Class 3/Penalty B to Class 4/Penalty C | 5,24 |
| 13.00 | December 2016 | Mepenzolate | Changed from Penalty A to Penalty B | 6,20 |

| Version | Date | Drug/Substance | Notes | Approx. Page(s) |
|---------|---------------|------------------------------------|---|-----------------|
| 13.00 | December 2016 | Mestanolone | Changed from Penalty B to Penalty A | 7,20 |
| 13.00 | December 2016 | Mesterolone | Changed from Penalty B to Penalty A | 7,20 |
| 13.00 | December 2016 | Methandrostenolone (Methandienone) | Added alternate name, Changed from Penalty B to Penalty A | 7,20 |
| 13.00 | December 2016 | Methandriol (Methylandrostenediol) | Added alternate name, Changed from Penalty B to Penalty A | 7,20 |
| 13.00 | December 2016 | Metenolone | Changed from Penalty B to Penalty A | 7,20 |
| 13.00 | December 2016 | Methyldienolone | Changed from Penalty B to Penalty A | 7,21 |
| 13.00 | December 2016 | Methylnortestosterone (Trestolone) | Added alternate name, Changed from Penalty B to Penalty A | 7,21 |
| 13.00 | December 2016 | Methsuximide | Changed from Class 3/Penalty A to Class 4/Penalty B | 7,24 |
| 13.00 | December 2016 | Methyltestosterone | Changed from Penalty B to Penalty A | 7,21 |
| 13.00 | December 2016 | Naloxone | Changed from Penalty A to Penalty B | 8,21 |
| 13.00 | December 2016 | Naltrexone | Changed from Penalty A to Penalty B | 8,21 |
| 13.00 | December 2016 | N-Butylscopolamine | Changed from Class 3/Penalty B to Class 4/Penalty C | 2,7,24 |
| 13.00 | December 2016 | Nitroglycerin | Changed from Class 3 to Class 2 | 8,16 |
| 13.00 | December 2016 | Norbolethone/Norboletone | Added alternate spelling, Changed from Penalty B to Penalty A | 8,21 |
| 13.00 | December 2016 | Norclostebol | Changed from Penalty B to Penalty A | 8,21 |
| 13.00 | December 2016 | Oxabolone | Changed from Penalty B to Penalty A | 8,21 |
| 13.00 | December 2016 | Oxprenolol | Changed from Penalty B to Penalty A | 8,21 |
| 13.00 | December 2016 | Physostigmine | Changed from Penalty B to Penalty A | 9,21 |
| 13.00 | December 2016 | Pindolol | Changed from Penalty A to Penalty B | 9,21 |
| 13.00 | December 2016 | Amitraz | Changed from Penalty A to Penalty B | 1,19 |
| 13.00 | December 2016 | Alprenolol | Changed from Class 3 to Class 2 | 1,14 |
| 13.00 | December 2016 | Zomepirac | Changed from Penalty A to Penalty B | 11,18 |
| 13.00 | December 2016 | Yohimbine | Changed from Penalty A to Penalty B | 11,18 |
| 13.00 | December 2016 | Snake Venoms | Changed from Class 2 to Class 1 | 10,13 |
| 13.00 | December 2016 | Romifidine | Changed from Class 2 to Class 3 | 10,21 |
| 13.00 | December 2016 | Rofecoxib | Changed from Penalty A to Penalty B | 10,17 |
| 13.00 | December 2016 | Reserpine | Changed from Penalty A to Penalty B | 10,17 |
| 13.00 | December 2016 | Midazolam | Changed from Class 2/Penalty A to Class 3/Penalty B | 7,21 |
| 13.00 | December 2016 | Loperamide | Changed from Class 2/Penalty A to Class 3/Penalty B | 6,20 |
| 13.00 | December 2016 | Isoxicam | Changed from Penalty A to Penalty B | 6,16 |
| 13.00 | December 2016 | Fluphenazine | Changed from Penalty A to Penalty B | 5,15 |
| 13.00 | December 2016 | Fenclozic Acid | Changed from Penalty A to Penalty B | 5,15 |

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| 13.00 | December 2016 | Erythropoietin | Changed from Class 2 to Class 1 | 4,12 |
| 13.00 | December 2016 | Diazepam | Changed from Class 2 to Class 3 | 4,19 |
| 13.00 | December 2016 | Darbepoetin | Changed from Class 2 to Class 1; Corrected spelling under “Prohibited Practices” | vi,3,12 |
| 13.00 | December 2016 | Chlorpromazine | Changed from Class 2 to Class 1 | 3,12 |
| 13.00 | December 2016 | Benoxaprofen | Changed from Penalty A to Penalty B | 1,14 |
| 13.00 | December 2016 | Alclofenac | Changed from Penalty A to Penalty B | 1,14 |
| 13.00 | December 2016 | Atipamazole | Added to Uniform Classification Guide as Class 2, Penalty B | 1,14 |
| 13.00 | December 2016 | Cocaine | Changed from Penalty B to Penalty A | 3,12 |
| 13.00 | December 2016 | Ethylphenidate | Added to Uniform Classification Guide as Class 1, Penalty A | 5,12 |
| 13.00 | December 2016 | Meldonium | Added to Uniform Classification Guide as Class 1, Penalty A | 6,12 |
| 13.00 | December 2016 | Morphine | Changed from Penalty B to Penalty A | 7,12 |
| 13.00 | December 2016 | Strychnine | Changed from Penalty B to Penalty A | 10,13 |
| 12.00 | March 2016 | Methamphetamine | Added footnote language recommending Penalty B if testing can prove presence of only levo-methamphetamine is present in sample. | 7, 13 |
| 12.00 | March 2016 | Tramadol | Changed from Penalty A to Penalty B | 11, 19 |
| 12.00 | March 2016 | Cetirizine | Changed from Penalty B to Penalty C after inclusion into ARCI Controlled Therapeutic Medication Schedule | 2, 24 |
| 12.00 | March 2016 | Morphine | Added footnote language recommending Penalty A if intentional administration can be proven by regulators. | 8, 13 |
| 12.00 | March 2016 | Cocaine | Added footnote language recommending Penalty A if intentional administration can be proven by regulators. | 3, 13 |
| 12.00 | March 2016 | Methacholine | Corrected spelling error in Alphabetical Listing by Substance Section and Listing by Classification Section | 7, 20 |
| 12.00 | March 2016 | myo-inositol trispyrophosphate (ITPP) | Corrected spelling error in Alphabetical Listing by Substance Section and Listing by Classification Section | 8, 13 |
| 11.00 | December 2015 | 2-Aminoheptane | Corrected typographical error to reflect Class 4, Penalty B Substance | 1, 23 |
| 11.00 | December 2015 | Xylometazoline | Corrected typographical error to reflect Class 4, Penalty B Substance | 11, 25 |
| 11.00 | December 2015 | Rivastigmine | Corrected typographical error to reflect Class 2, Penalty A Substance | 10, 17 |

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| 11.00 | December 2015 | Rabeprazole | Corrected typographical error to reflect Class 5, Penalty D Substance | 10 26 |
| 11.00 | December 2015 | Prilocaine | Corrected typographical error to reflect Class 2, Penalty A Substance | 9, 17 |
| 11.00 | December 2015 | Hexocyclium | Corrected typographical error to reflect Class 4, Penalty B Substance | 6, 24 |
| 11.00 | December 2015 | Gabapentin | Corrected typographical error to reflect Class 3, Penalty B Substance | 5, 20 |
| 11.00 | December 2015 | Ergoloid Mesylates | Corrected typographical error to reflect Class 2, Penalty A Substance | 4, 15 |
| 11.00 | December 2015 | Butacaine | Corrected typographical error to reflect Class 4, Penalty B Substance | 2, 23 |
| 11.00 | December 2015 | Budesonide | Corrected typographical error to reflect Class 4, Penalty C Substance | 2, 23 |
| 11.00 | December 2015 | Brimonidine | Corrected typographical error to reflect Class 2, Penalty A Substance | 2, 14 |
| 11.00 | December 2015 | Benazepril | Corrected typographical error to reflect Class 3, Penalty B Substance | 2, 19 |
| 11.00 | December 2015 | Amlodipine | Corrected typographical error to reflect Class 3, Penalty B Substance | 1, 19 |
| 11.00 | December 2015 | 3-Methoxytyramine | Added as Class 2, Penalty A Substance | 1, 14 |
| 10.00 | July 2015 | Methylhexanamine | Added alternative spelling | 7, 13 |
| 10.00 | July 2015 | Gamma Aminobutyric Acid (GABA) | Added as Class 3, Penalty B Substance | 5, 19 |
| 9.00 | April 2015 | Cobalt | Added as Class 3, Penalty B with note to refer to ARCI Endogenous, Dietary, or Environmental Substances Schedule for threshold and penalty information for contrations of less than 50 parts per billion (ppb) in blood serum or plasma | 3, 18 |
| 8.00 | December 2014 | Firocoxib | Changed Penalty Class from "B" to "C" to conform to the ARCI Controlled Therapeutic Medication Schedule | 5, 23 |
| 8.00 | December 2014 | Acenocoumarol | Had been previously omitted from Listing by Classification Section, Added to section | 25 |

| Version | Date | Drug/Substance | Notes | Approx. Page(s) |
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| 8.00 | December 2014 | Deracoxib | Corrected Spelling in Alphabetical Listing by Substance Section | 3 |
| 8.00 | December 2014 | Norclostebol | Corrected Spelling in Alphabetical Listing by Substance Section | 8 |
| 8.00 | December 2014 | Rizatriptan | Corrected Spelling in Alphabetical Listing by Substance Section | 10 |
| 8.00 | December 2014 | Dehydrochloromethyltestosterone | Corrected Spelling in Alphabetical Listing by Substance Section | 3 |
| 8.00 | December 2014 | Amiodarone | Corrected Spelling in Listing by Classification Section | 22 |
| 8.00 | December 2014 | 2-Aminoheptane | Corrected Spelling in Listing by Classification Section | 22 |
| 8.00 | December 2014 | Bupropion | Corrected Spelling in Listing by Classification Section | 13 |
| 8.00 | December 2014 | Alclofenac | Assigned Penalty Class A | 1, 13 |
| 8.00 | December 2014 | Recommended Penalties for Ketoprofen | Updated the recommended penalty for Ketoprofen to comply with the primary threshold established in the ARCI Controlled Therapeutic Medication Schedule. | 29 |
| 8.00 | December 2014 | Class B Recommended Penalties | Corrected typographical error on recommended penalties for Class B substances for licensed owners. Version 7.00 incorrectly recommended penalties for second or third offense in the owner's lifetime. Version 8.00 corrects error and recommends penalty for second or third offense in 365-day period. | 28 |
| 8.00 | December 2014 | Aminorex | Addition is not a change of the Uniform Classification Guidelines. Aminorex has been a DEA Schedule 1 substance. All DEA Schedule 1 substances are considered Class 1, Penalty A substances by reference. By request, Aminorex has been listed to avoid confusion. | 1, 13 |
| 8.00 | December 2014 | Bufotenine | Corrected the precursor to 5-methoxy-N-N dimethyltryptamine | 26 |
| 7.00 | January 2014 | Pergolide | Added as Class 3, Penalty B | 8, 20 |
| 6.00 | December 2013 | Methylhexanamine | Added as Class 1, Penalty A | 7, 12 |
| 5.00 | December 2012 | Zilpaterol hydrochloride | Moved from Class 3 to Class 2 Substance, Penalty Remains Unchanged | 11, 17 |
| 5.00 | December 2012 | Tetramisole hydrochloride | Removed from Non-Classified Substance list | 26 |
| 5.00 | December 2012 | Ambroxol | Moved from Class 4, Penalty B to Class 4, Penalty C | 1, 22 |
| 4.01 | October 2012 | Ractopamine | Corrected typographical error in Drug Class (Incorrectly listed as a Class 3 substance) | 9, 16 |
| 4.01 | October 2012 | Pyrimilamine | Corrected typographical error on Penalty Class (Listed as Penalty Class A in "Listing by Classification" section). | 9, 20 |

| Version | Date | Drug/Substance | Notes | Approx. Page(s) |
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| 4.00 | July 2012 | myo-inositol trispyrophosphate (ITPP) | Added as Class 1, Penalty A | 7, 12 |
| 4.00 | July 2012 | Benzonatate | Added as Class 2, Penalty A | 2, 13 |
| 3.00 | December 2011 | Almotriptan | Corrected Penalty Class omission in Alphabetical Listing section of document | 1, 18 |
| 3.00 | December 2011 | Naltrexone | Corrected Penalty Class omission in Alphabetical Listing section of document | 7, 20 |
| 3.00 | December 2011 | Amiloride | Corrected Penalty Class omission in Alphabetical Listing section of document | 1, 22 |
| 3.00 | December 2011 | Butanilcaine | Corrected Penalty Class omission in Alphabetical Listing section of document | 2, 13 |
| 3.00 | December 2011 | 3,4-methylenedioxy-pyrovalerone, aka MDPV, "Bath Salts" | Corrected typographical error in Trade Name sections | 1, 12 |
| 3.00 | December 2011 | Carbazochrome | Added as Class 4, Penalty C | 2, 22 |
| 2.01 | August 2011 | Dimethylsulfoxide (DMSO) | Edited Drug Classification definitions to remove mention of DMSO from Class 5 definition | vii |
| 2.00 | July 2011 | <<Drugs Not Listed>> | Language pertaining to all drugs/substances not found in this document shall be considered a Class I, Penalty A Substance | ii |
| 2.00 | July 2011 | Phenylbutazone | Penalties for tests over 2.0 micrograms per milliliter of plasma or serum but less than 5.0 micrograms per milliliter of plasma or serum added. | 29 |
| 2.00 | July 2011 | Dermorphin | Added as Class 1, Penalty A | 3, 12 |
| 2.00 | July 2011 | 3,4-methylenedioxy-pyrovalerone, aka MDPV, "Bath Salts" | Added as Class 1, Penalty A | 1, 12 |
| 2.00 | July 2011 | Synthetic cannabis | Added as Class 1, Penalty A | 10, 12 |
| 2.00 | July 2011 | Alclomethasone | Corrected typographical error in spelling | 1, 22 |
| 1.01 | January 2011 | Methocarbamol | Corrected typographical error on Penalty Class from Class B to Class C | 7, 23 |
| 1.00 | December 2010 | Zilpaterol | Added as Class 3, Penalty a | 11, 17 |

| Version | Date | Drug/Substance | Notes | Approx. Page(s) |
|---------|---------------|--------------------------|---------------------------------|-----------------|
| 1.00 | December 2010 | Dimethylsulfoxide (DMSO) | Changed from Class 5 to Class 4 | 4, 23 |