

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



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

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Association of Racing Commissioners International, Inc.
Uniform Classification Guidelines for Foreign Substances

Table of Contents

Preamble to the Uniform Classification Guidelines of Foreign Substances	iii
Notes Regarding Classification Guidelines	iii
Classification Criteria	iv
Classification Definitions.....	v
Drug Classification Scheme	vii
Alphabetical Substance List.....	1
Listing by Classification	13
Non-Classified Substances	27
Recommended Penalty and Model Rule.....	28
Recent Document Revisions	32

Preamble to the Uniform Classification Guidelines of Foreign Substances

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

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

Notes Regarding Classification Guidelines

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

Classification Criteria

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

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

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

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

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

Classification Definitions

- **Class 1:** Stimulant and depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in the racing horse. Many of these agents are Drug Enforcement Agency (DEA) schedule II substances. These include the following drugs and their metabolites: Opiates, opium derivatives, synthetic opioids and psychoactive drugs, amphetamines and amphetamine-like drugs as well as related drugs, including but not limited to apomorphine, nikethamide, mazindol, pemoline, and pentylenetetrazol. Though not used as therapeutic agents, all DEA Schedule I agents are included in Class 1 because they are potent stimulant or depressant substances with psychotropic and often habitative actions.
- **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 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. Included specifically are agents 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) Darbepoietin
- 3) Oxglobin
- 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/#list1>) 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.
- **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/lypotensive 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 cardiotonic 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 for which concentration limits have been established by the racing jurisdictions as well as certain miscellaneous agents. Included specifically are agents that have very localized actions only, such as anti-ulcer drugs, and certain antiallergic drugs. The anticoagulant drugs are also included.

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.

Alphabetical Substance List

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
3,4-methylenedioxypyrovalerone	MDDPV, "bath salts"	1	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	B
Acetophenazine	Tindal	2	A
Acetophenetidin (Phenacetin)		4	B
Acetylsalicylic acid (Aspirin)		4	C
Alclomethasone	Aclovaite	4	C
Atinazolam		2	A
Adrenochrome monosemicarbazone salicylate		4	B
Albuterol (Salbutamol)	Proventil, Ventolin	3	B
Alclofenac	Alloferin	2	A
Alcuronium		2	A
Aldosterone	Aldocortin, Electrocortin	4	B
Alfentanil	Alfenta	1	A
Almotriptan	Axert	3	A
Alphaprodine	Nisentil	2	A
Alpidem	Anaxyl	2	A
Alprazolam	Xanax	2	A
Alprenolol		3	A
Althesin	Saffan	2	A
Amberonium	Myelase, Myeuran	3	B
Ambroxol	Ambril, etc.	4	C
Aminonide	Cyclocort	4	C
Amiloride	Moduret, Midamor	4	B
Aminoacetic acid	Amicar, Caprocid	4	C
Amiodarone		4	B
2-Aminoheptane	Tuamine	4	B
Aminophylline	Aminophyllin, etc.	3	B
Aminopyrine		4	B
Aminorex	Aminoxafen, Aminoxaphen, Apique!, McN-742, Menocil	1	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Amisomethradine	Rolictron	4	B
Amisulpride	Soltan	2	A
Amitriptyline	Miltaban	3	A
Amitriptyline	Elavil, Amitril, Endep	2	A
Amlodipine	Ammiwin, Norvasc	4	B
Amobarbital	Amytal	2	A
Amoxapine	Asendin	2	A
Amperozide		2	A
Amphetamine		1	A
Amrinone		4	B
Amyl nitrite		3	A
Anileridine	Leritine	1	A
Anilopam	Anisine	2	A
Anisindione		5	C
Anisotropine	Valpin	4	B
Antipyrine		4	B
Apazone (Azapropazone)	Rheumox	4	B
Apomorphine		1	A
Aprindine		4	B
Aprorabital	Alurate	2	A
Arecoline		3	A
Arformoterol		3	A
Articaine	Septocaine; Ultracaine, etc.	2	A
Atenolol	Tenormin	3	B
Atomoxetine	Strattera	2	A
Atracurium	Tractium	2	A
Atropine		3	B
Azacylonol	Frengue	2	A
Azapertone	Stresnil, Suicalm, Fentaz (with Fentanyl)	2	A
Baclofen	Lioresal	4	B
Barbital	Veronal	2	A
Barbiturates		2	A
Beclomethasone	Propaderm	4	C
Bemegride	Megimide, Mlkeidimide	2	A
Benazepril, Benazepril and MC-tab	Lotrel, Lotensin	3	A
Bendroflumethiazide	Naturetin	4	B
Benoxaprofen		2	A

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Benoxinate	Dorsacaine	4	C
Benperidol	Anquil	2	A
Benzepam	Triadona	2	A
Benzocaine	Deprol, Bronchodilietten	2	A
Benzocaine		4	B
Benzocetamine		2	A
Benzodiazepines		2	A
Benzonatate	Tessalon, Tessalon Perles, Zomaruss	2	A
Benzphetamine	Didrex	2	A
Benzthiazide		4	B
Benztropine	Cogenin	2	A
Benzylpiperazine (BZP)		1	A
Bepidil	Bepadin	4	B
Betamethasone	Betasone, etc.	4	C
Betaxolol	Kertone	3	B
Bethanechol	Urecholine, Duyoid	4	C
Bethanidine	Esbatol	3	A
Biperiden	Akineton	3	A
Biperone		2	A
Bisoprolol	Zebeta, Bisobloc, etc.	3	B
Bitolterol	Efectin	3	A
Bolasterone		3	A
Boldenone	Equipoise	3	B
Boldione		3	A
Bretylium	Breyliol	3	B
Brimonidine	Alphagan	2	A
Bromazepam	Lexotan, Lectopan	2	A
Bromfenac	Duract	3	A
Bromhexine	Olefor, etc.	4	B
Bromisovalum	Diffucord, etc.	2	A
Bromocriptine	Parlodol	2	A
Bromodiphenhydramine		2	A
Bromperidol	Bromidol	3	B
Brompheniramine	Dimetane, Disomer	2	A
Brotizolam	Brotool	4	B
Budesonide	Pulmacort, Rhinocort	2	A
Budonamide		4	C
Buprenorphine	Burnex	3	A
Bupivacaine	Marcaine	3	B
Buprenorphine	Temgesic	2	A
Bupropion	Wellbutrin	2	A
Buspiprone	Buspar	2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Butabarbital (Secbutobarbitione)	Butacaps, Butasol, etc.	2	A
Butacaine	Butryn	4	B
Butalbital (Talbutal)	Florinal	2	B
Butamben (butyl aminobenzoate)	Butesin	4	C
Butanilicaine	Hostacain	2	A
Butaperazine	Repoise	2	A
Butocamide	Listomin	2	A
Butorphanol	Stadol, Torbugesic	3	B
Butoxyacaine	Stadacain	4	B
N-Butylscopolamine		3	B
Caffeine		2	B
Calusterone	Methosorb	3	B
Camazepam	Paxor	2	B
Camphor		2	A
Candesartan	Atcand	4	C
Capdodiamine	Covatine	3	B
Captopril	Capolen	2	A
Carazolol	Carbacel, Conduction	3	B
Carbachol	Lentin, Doryl	3	B
Carbamazepine	Tegretol	3	B
Carbazochrome		4	C
Carbidopa + levodopa	Sinemet	2	A
Carbinoxamine	Clistin	2	A
Carbromol	Mifudorm	3	B
Cartentamil		2	A
Carisoprodol	Rela, Soma	1	A
Carphenazine	Prokretazine	2	B
Carpipramine	Prazinil	2	A
Carprofen	Rimadyl	2	A
Cartrol	Cartrol	4	B
Carticaine (see articaine)		3	B
Carvedilol	Septocaine; Ultracaine, etc. Coreg	3	A
Cathinone	khat, kat, quat, chat, catha, Abyssinian tea, African tea	2	B
Celecoxib	Celebrex	3	B
Cetirizine	Zyrtec	4	B
Chloral betaine	Beta-Chlor	4	B
Chloral hydrate	Nactec, Oridrate, etc.	2	A
Chloraldehyde (chloral)		2	A
Chloralose (Alpha-Chloralose)		2	A
Chlordiazepoxide		2	A
Chlorhexidol	Librium	2	A

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Deoxycorticosterone	Percortin, DOCA, Desocort, Dorcostin	4	C
Deeracoxib	Deramaxx	3	B
Dermorphin		1	A
Desipramine	Norpromine, Petrofrane	2	A
Desonite	Des Owen	4	C
Desoximetason	Topicort	4	C
Desoxymethyltestosterone		3	B
Detomidine	Dormosedan	3	B
Dexamethasone	Azium, etc.	4	C
Dextromethorphan		4	B
Dextrometoramide	Palfium, Narcolo	1	A
Dextropropoxyphene	Darvon	3	B
Dezocine	Dalgan	2	A
Diamorphine		1	A
Diazepam	Valium	2	B
Diazoxide	Proglycoem	3	B
Dibucaine	Nupercainal, Cinchocaine	4	C
Dichloralphenazone	Febenal, Isocom	2	A
Dichlorphenamide	Daramide	4	C
Diclofenac	Voltaren, Voltarol	4	C
Dicumarol	Dicumarol	5	C
Diethylpropion	Tepanil, etc.	2	A
Diethylthiambutene	Thenamion	2	A
Diflorasone	Florone, Maxiflor	4	C
Difluocortolone	Flu-Cortinesf, etc.	4	C
Diflunisal		3	B
Digitoxin	Cystodigin	4	B
Digoxin	Lanoxin	4	B
Dihydrocodeine	Parcodin	2	A
Dihydroergotamine		4	B
Dilorzepam	Briantum	2	A
Diltiazem	Cardizem	4	B
Dimefline		3	A
Dimethisoquin	Quotane	4	B
Dimethylsulfoxide (DMSO)	Domoso	4	C
Dimethylsulphone (MSM)		5	C
Diphenadione		5	C
Diphenhydramine	Benadryl	3	B
Diphenoxylate	Difenoxin, Lomotil	4	B
Diprenorphine	M50/50	2	A
Dipyridamole	Persantine	3	B
Dipyrone	Novin, Methampyrone	4	C

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Disopyramide	Norpace	4	B
Divalproex	Depakote	3	A
Dixyrazine	Esuicos	2	A
Dobutamine	Dobutrex	3	B
Dopamine	Inotropin	2	A
Donepezil	Aricept	1	A
Doxacurium	Nuromax	2	A
Doxapram	Dopram	2	A
Doxazosin	Doxans	3	A
Doxefazepam	Doxans	2	A
Doxepin	Adapin, Sinequan	2	A
Doxylamine	Decapryn	3	B
Dromostanolone	Drolban	3	B
Dropicidol	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
Eletnac		4	C
Enalapril (metabolite enalaprilat)	Vasotec	3	B
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, Cafertgot, etc.	4	B
Erythryl tetranitrate	Cardilate	3	A
Erythropoietin (EPO)	Epogen, Procrit, etc.	2	A
Esmolol	Brevibloc	3	B
Esomeprazole	Nexium	5	D
Estazolam	Domnamid, Eurodin, Nuctalon	2	A
Etamiphylline		3	B
Etanercept	Enbrel	4	B

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Ethacrynic acid	Edecrin	3	B
Ethamivan		2	A
Ethanol		2	A
Ethchlorvynol	Placidyl	2	A
Ethinamate	Valmid	2	A
Ethioheptazine	Zactane	4	B
Ethiopropazine	Parisdol	2	A
Ethosuximide	Zarontin	3	A
Ethotoin	Peganone	4	B
Ethoxzolamide	Cardase, Ethamide	4	C
Ethylaminobenzoate (Benzocaine)	Semets, etc.	4	C
Ethylestrenol	Maxibolin, Organon	3	B
Ethylisobutrazine	Diquel	2	A
Ethylmorphine	Dionin	1	A
Ethylmorphinephrine	Bronkephrine	3	A
Etidocaine	Duranest	2	A
Etifoxin	Stresam	2	A
Etizolam	Depas, Pasaden	2	A
Etiodolac	Lodine	3	B
Etiodoxizine	Indurox	2	A
Etiomidate		2	A
Etioprine HCl	M99	1	A
Etirotdine	Gaster, etc.	5	D
Felbamate	Felbatol	3	A
Felodipine	Plendil	4	B
Fenarbamate	Tymium	2	A
Fenbuten	Cincopal	3	B
Fenclozic acid	Myalex	2	A
Fenfluramine	Pondimin	2	A
Fenoldopam	Cortopan	3	B
Fenopropfen	Nalfon	3	B
Fenoterol	Berotec	3	B
Fenspiride	Respiride, Respan, etc	3	B
Fentanyl	Sublimaze	1	A
Fenitazac		3	B
Fexofenadine	Allegra	4	C
Firocoxib		4	C
Flecainide	Idalon	4	B
Floctafenine	Idalon, Idarac	4	B
Fluanisone	Sedalande	2	A
Flucinolone	Synalar, etc.	4	C
Fludiazepam	Erispan	2	A
Fludocortisone	Alforone, etc.	4	C

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
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	Baramine	4	C*
Fluocinolone	Synalar	4	C
Fluocinonide	Licon, Lidex	4	C
Fluopromazine	Psyquil, Siguil	2	A
Fluoresone	Caducid	2	A
Fluorometholone	FML	4	B
Fluoroprednisolone	Predef-2X	4	C
Fluoxetine	Prozac	2	A
Fluoxymesterone	Halofestin	3	B
Flupentixol	Depixol, Fluanxol	2	A
Fluphenazine	Prolixin, Permittil, Anatsensol, etc.	2	A
Flupirtine	Katadolone	3	A
Fluprednisolone	Alphadrol	4	C
Flurandrenolide	Cordan	4	C
Flurazepam	Dalmane	2	A
Flurbiprofen	Froben	3	B
Fluspirilene	Imap, Redeptin	2	A
Fluticasone	Flixonase, Flutide	4	C
Flutoprazepam	Restas	2	A
Fluvoxamine	Dumirox, Faverin, etc.	2	A
Fornebolone		3	B
Fornoterol	Altram	3	B
Fosinopril	Monopril	3	A
Fospherytoin	Cerebyx	3	B
Furazabol		3	B
Furosemide	Lasix	N/A	
Gabapentin	Neurontin	4	B
Galanamine	Reminyl	2	A
Gallamine	Flaxcedil	2	A
Gamma Aminobutyric Acid (GABA)	Carolina Gold	3	B
Gepirone		2	A
Gestronone		3	A
Glutethimide	Doriden	2	A
Glycopyrrolate	Robinul	3	B

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Guafenesin (glycerol guaiacolate)	Geolate	4	C
Guafenesin	Hylorel	3	A
Guanethidine	Ismelin	3	A
Guanabenz	Wylensin	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	Myaloxen	2	A
Hexobarbital	Evipal	2	A
Hexocyclium	Tral	4	C
Hexylecaine	Cyclaine	4	C
Homatropine	Homapin	3	B
Homopenazine	Pelvicthol	2	A
Hydralazine	Apresoline	3	B
Hydrochlorothiazide	Hydrothiuril	4	B
Hydrocodone (dihydrocodionone)	Hycodan	1	A
Hydrocortisone (Cortisol)	Cortef, etc.	4	C
Hydroflumethiazide	Satron	4	B
Hydromorphone	Dilaudid	1	A
Hydroxyamphetamine	Paralidine	1	A
4-Hydroxytestosterone		3	B
Hydroxyzine	Atarax	2	B
Ibomal	Noctal	2	A
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
Ibnesarten	Avapro	3	A
Iscapirone		2	A
Isoetabinoxazid	Marplan	2	A
Isoetharine	Bronkosol	3	B
Isoflupredone	Predef	4	C
Isomethadone		2	A
Isometheprene	Octin, Octon	4	B

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Isopropramide	Darbid	4	B
Isoproterenol	Isoprel	2	A
Isosorbide dinitrate	Isordil	3	B
Isoxicam	Maxicam	2	A
Isoxsuprine	Vasodilan	4	C
Isradipine	DynaCirc	4	B
Kebutzone		3	B
Ketamine	Ketalar, Ketaset, Vetalar	2	B
Ketazolam	Anxon, Lafram, Solatram, Loftan	2	A
Ketoprofen	Orudis	4	C*
Ketorolac	Toradol	3	A
Labetalol	Normodyne	3	B
Lamotrigine	Lamictal	3	A
Lansoprazole		5	D
Lemperone	Elanone-V	2	A
Letosteine	Viscotol, Visitol	4	C
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
Loftentanil		1	A
Loflazepate, Ethyl	Victan	2	A
Loperamide	Imodium	2	A
Loprazolan	Dormonort, Havlane	2	A
Loratidine	Claritin	4	B
Lorazepam	Ativan	2	A
Lornetazepam	Noctamid	2	A
Losartan	Hyzaar	3	B
Loxapine	Laxitane	2	A
Mabuterol		3	A
Maprotiline	Ludionil	2	A
Mazindol	Sanorex	1	A
Mebutamate	Axiten, Dommate, Capla	2	A
Mecamylamine	Inversine	3	B
Mecizine	Anthvert, Bonine	4	B
Meclofenamic acid	Arquel	4	C
Meclofenoxate	Lucidril, etc.	2	A
Medazepam	Nobrium, etc.	2	A

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Medetomidine	Domitor	3	B
Medrysone	Medrisur, etc.	4	C
Metformin acid	Ponstel	3	B
Meloxicam	Mobic	4	B
Melperone	Eunerpan	2	A
Memantine	Namenda	2	A
Mepafynol	Oblivon	2	A
Mepazine	Pacatal	2	A
Meperizolate	Canril	3	A
Meperidine	Demerol	1	A
Mephenesin	Tolserol	4	B
Mephenoqualone	Control, etc.	2	A
Mephentermine	Wyamine	1	A
Mephentoin	Mesantoin	2	A
Mephobarbital	Mebaral	2	A
(Methylphenobarbital)			
Mepivacaine	Carbocaine	2	B
Meproramate	Equanil, Miltowa	2	A
Meralluride	Mercurlydrin	4	B
Merbaphen	Novasural	4	B
Mercaptoproterin	Thiomerin	4	B
Mercumalitin	Cumeritin	4	B
Mersalyl	Salyrgan	4	B
Mesalamine	Asacol	5	C
Mesoridazine	Sereniti	2	A
Mestranolone		3	B
Mesterolone		3	B
Metaclazepam	Talis	2	A
Metaproterenol	Alupent, Metaprel	3	B
Metaraminol	Aramine	1	A
Metaxalone	Skelaxin	4	B
Metazocine		2	A
Metenolone		3	B
Methacholine		3	A
Methadone	Dolophine	1	A
Methamphetamine	Desoxyn	1	A
Methandienone		3	B
Methandriol	Probolite	3	B
Methandrosthenolone	Dianabol	3	A
Methanthelone	Bantline	3	B
Methapyrillene	Histadyl, etc.	4	B
Methaqualone	Quaalude	1	A
Metharbital	Gemoril	2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Methasterone		3	A
Methazolamide	Naprazane	4	C
Methcathinone		1	A
Methdilazine	Tacaryl	4	B
Methixene	Test	3	A
Methocarbamol	Robaxin	4	C
Methohexital	Brevital	2	A
Methothexate	Folex, Nexate, etc.	4	B
Methotrimoprazine	Levoprome, Neurocil, etc.	2	A
Methoxamine	Vasoxyl	3	A
Methoxyphenamine	Orthoxide	3	A
Methscopolamine	Pamine	4	B
Methsuximide	Celontin	3	A
Methylatropine		3	B
Methylchlorothiazide	Enduron	4	B
Methylidienolone		3	B
Methylidopa	Aldomet	3	A
Methylhexanamine (Methylhexanecamine)	Geranamine	1	A
Methylergonovine	Methergine	4	C
Methylnor testosterone		3	B
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
Metomidate	Hypnodil	2	A
Metopon (methyldihydromorphinone)		1	A
Metoprolol	Lopressor	3	B
Mexazolam	Melex	2	A
Mexitiline	Mexiil	4	B
Mibefradil	Posicor	3	B
Mibolerone		3	B
Midazolam	Versed	2	A
Mifodrine	Pro-Amifline	3	B
Miflirone		4	B
Minoxidil	Loniten	3	B

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Mirtazepine	Remeron	2	A
Misoprostol	Cytotec	5	C
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	Luvaten	2	A
Morphine		1	B
Mosaprimine		2	A
Muscaine		3	A
myo-Inositol Triispyrophosphate (ITPP)		1	A
Nabumetone	Arthrasan, Relafen, Reliflex	3	A
Nadolol	Corgard	3	B
Naepaine	Amylsine	4	C
Nalbuphine	Nubain	2	A
Nalorphine	Nalline, Lethidrone	2	A
Naloxone	Narcan	3	A
Naltrexone	Revia	3	A
Nandrolone	Nandrolin, Laurabolin, Durabolin	3	B
Naphazoline	Privine	4	B
Naproxen	Equiprofen, Naprosyn	4	C
Naratriptan	Amerge	3	B
Nebivolol		3	A
Nedocrotil	Tilade	5	C
Nefazodone	Serzone	2	A
Nefopam		3	A
Neostigmine	Prostigmine	3	B
Nicardipine	Cardine	4	B
Nifedipine	Procardia	4	B
Niflumic acid	Nifluril	3	B
Nikehamide	Coramine	1	A
Nimesulide		3	B
Nimetazepam	Erimin	2	A
Nimodipine	Nemotop	4	B
Nitrazepam	Mogadon	2	A
Nitroglycerin		3	B
Nizatidine	Axid	5	C
19-Norandrostenediol		3	B
19-Norandrostenedione		3	B

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Norbolthone		3	B
Norolostebol		3	B
Nordiazepam		2	A
Norepinephrine	Calmday, Nordaz, etc.	2	A
Norethandrolone		3	A
Nortestosterone		4	C
Nortriptyline	Aventyl, Pamelor	2	A
Nyidrine	Arlidin	3	A
Olanzapine	Zyprexa	2	A
Olanesartan	Benicar	3	A
Olsalazine	Dipentum	4	B
Omeprazole	Prilosec, Losec	5	D
Orphenadrine	Nortflex	4	B
Oxabolone		3	B
Oxandrolone	Anavar	3	B
Oxapropin	Daypro, Deflam	4	C
Oxazepam	Serax	2	A
Oxazolam	Serenal	2	A
Oxcarbazepine	Trileptal	3	A
Oxioflone (hydroxyephedrine)		2	A
Oxprenolol	Trasacor	3	B
Oxycodone	Percodan	1	A
Oxymesterone		3	B
Oxymetazoline	Afrin	4	B
Oxymetholone	Adroyd, Anadrol	3	B
Oxymorphone	Numorphan	1	A
Oxyperitine	Forti, Integrin	2	A
Oxyphenbutazone	Tandearil	4	C
Oxyphenycyclimine	Daricon	4	B
Oxyphenonium	Antrenyl	4	B
Oxypiperidone		2	A
Pancuronium	Pavulon	2	A
Pantoprazole	Protonix	5	D
Papaverine	Pavagen, etc.	3	A
Paraldehyde	Paral	2	A
Paramethadione	Paralidone	3	A
Paramethasone	Haldrone	4	C
Paroxetine	Eutonyl	3	A
Paroxetine	Paxil, Seroxat	2	A
Penolone	Cylert	1	A
Penbutolol	Levitol	3	B
Penfluridol	Cyperon	2	A
Pentaerythritol tetranitrate	Duotratre	3	A

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Pentazocine	Talwin	3	B
Pentobarbital	Nembutal	2	A
Pentoxyfylline	Trental, Vazofrin	4	C
Pentyl/enetrazol	Metrazol, Nicoric	1	A
Perazine	Taxilan	2	A
Perflurorodocolin		2	A
Perflurorodecahydromophthalane		2	A
Perflurocetyl bromide		2	A
Perflurotripropylamine		2	A
Perflurocarbons		2	A
Pergolide	Pemax	3	B
Percizaine	Alodept, etc.	2	A
Perindopril	Biprel	3	A
Perlapine	Hypnodin	2	A
Perphenazine	Trilafon	2	A
Phenacemide	Phenurone	4	B
Phenaglycocol	Acalo, Alcamid, etc.	2	A
Phenazocine	Narphen	1	A
Phencyclidine (PCP)	Serylan	1	A
Phendimethazine	Bortril, etc.	1	A
Phenelzine	Nardelzine, Nardil	2	A
Phenindione	Hedulin	5	C
Phenmetrazine	Preludin	1	A
Phenobarbital	Luminal	2	A
Phenoxybenzamine	Dibenzyline	3	B
Phenprocoumon	Liguamar	5	C
Phensuximide	Milonin	4	B
Phentermine	Iomamin	2	A
Phentolamine	Regitine	3	B
Phenylbutazone	Butazolidin	4	C*
Phenylephrine	Isophrin, Neo-Synephrine	3	B
Phenylpropranolamine	Propadrine	3	B
Phenytol	Dilantin	4	B
Physostigmine	Eserine	3	B
Picrotoxin		1	A
Pimindone	Alvoquine, Cimadon	2	A
Pimozide	Orap	2	A
Pinazepam	Domar	2	A
Pindolol	Viskin	3	A
Pipamperone	Dipiperon	2	A
Pipecuronium	Arduan	2	A
Pipecqualine		2	A
Piperacetazine	Psymod, Quide	2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Pipercaine	Metycaine	2	A
Piprotazaine	Lonseren, Piportil	2	A
Pipradrol	Dataril, Gerondyl, etc.	2	A
Piquindone		2	A
Pirbuterol	Maxair	3	A
Pienzapine	Gastrozepin	5	C
Piretanide	Arelix, Tauliz	3	B
Piritramide		1	A
Piroxicam	Feldene	3	B
Polyethylene glycol		5	C
Polythiazide	Renese	4	B
Pranoxine	Tronothaine	4	C
Prazepam	Vertran, Centrax	2	A
Prazosin	Minipress	3	B
Prednisolone	Delta-Cortef, etc.	4	C
Prednisone	Meticorten, etc.	4	C
Prilocaine	Citanest	2	C
Primidone	Mysoline	3	B
Probenecid		4	C
Procainamide	Pronestyl	4	B
Procaine		3	B
Procarol	Pro Air	3	A
Prochlorperazine	Darbazine, Compazine	3	A
Procyclidine	Kemadlin	2	A
Promazine	Sparine	3	B
Promethazine	Phenergan	3	B
Propafenone	Rythmol	3	B
Propranidol		4	B
Propranolamine	Pro-Banthine	2	A
Proparacaine	Ophthaine	3	A
Propentophylline	Karsivan	4	C
Propiomazine	Largon	3	B
Propionylpromazine	Tranvet	2	A
Propiram		2	A
Propofol	Diprivan, Disoprivan	2	A
Propoxyvaine	Ravocaine	2	A
Propranolol	Inderal	3	A
Propylhexedrine	Benzdex	4	B
Prostanazol		3	B
Prothipendyl	Dominal	3	B
Protokylol	Ventaire	2	A
Protipylol	Concordin, Triptil	3	A
Protriptyline		2	A
Proxibarbital	Axeen, Centralgol	2	A

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Pseudoephedrine	Cenafed, Novafed	3	B
Pyridostigmine	Mestinon, Regonol	3	B
Pyrilamine	Neosantogen, Equihist	3	B
Pyrrithyldione	Hybersulfan, Sonodor	2	A
Quazipam	Doral	2	A
Quetiapine	Seroquel	2	A
Quinbolone		3	B
Quinapril, Quinaprilat	Accupril	3	A
Quindine	Quindex, 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
Ramitidine	Zantac	5	D
Remifentanyl	Ultiva	1	A
Remoxipride	Roxlam	2	A
Reserpine	Serpasil	2	A
Rilmazafone		2	A
Risperidone		2	A
Ritanserin		2	A
Ritodrine	Yutopar	3	B
Rivastigmine	Exelon	3	B
Rizatriptan	Maxalt	3	B
Rocuronium	Zemuron	2	A
Rofecoxib	Vioxx	2	A
Romifidine	Sedivet	2	B
Ropivacaine	Naropin	2	A
Salicylamide		4	C
Salicylate		4	C
Salmeterol		3	B
Scopolamine (Hyoscine)	Triptone	3	B
Secobarbital (Quinalbarbitone)	Secoral	2	A
Selegiline	Eldepryl, Junnex, etc.	2	A
Setraline	Lustral, Zolof	2	A
Sibutramine	Meridia	3	B
Sildenafil	Viagra	3	A
Snake Venoms		2	A
Somatropin	Nutropin	2	A
Somatrem	Protropin	2	A
Sotalol	Betapace, Sotacor	3	B
Spilomazine		2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Spiroperone		2	A
Spirapril, metabolite Spiraprilat	Renomax	3	A
Spironolactone	Aldactone	4	B
Stanozolol	Winstrol-V	3	B
Stenbolone		3	B
Strychamine		1	B
Succinylcholine	Sucostrin, Quelin, etc.	2	A
Sufentanil	Sufenta	1	A
Sulfasalazine	Azulfidine, Azaline	4	C
Sulfondiethylmethane		2	A
Sulfonmethane		2	A
Sulfondazone		2	A
Sulfindac	Inofal	2	A
Sulpiride	Clinoril	3	A
Sulpropride	Alglonyl, Sulpitol	2	A
Sumatriptan	Barnetil	2	A
Synthetic cannabis	Imitrex	3	B
Tadalasil	Spice, K2, Kronic Chalis	1	A
Talbutal	Chalis	3	A
Tandospirone	Lotusate	2	A
Telmisartan	Micardis	2	A
Temazepam	Restoril	3	B
Tenoxicam	Alganex, etc.	2	B
Tepoxalin		3	B
Terazosin	Hytrin	3	A
Terbutaline	Brethine, Bricanyl	3	B
Terfenadine	Seldane, Trildan	4	B
Testolactone	Teslac	3	B
Testosterone		3	B
Tetrabenazine	Nitomax	2	A
Tetracaine	Pontocaine	2	A
Tetrahydrogestrinone		3	A
Tetrahydrozoline	Tyzine	4	B
Tetrazepam	Musaril, Myovlasin	2	A
Thebaine		2	A
Theobromine		4	B
Theophylline	Aquaaphyllin, etc.	3	B
Thiobarbital	Kemithal	2	A
Thiamylal	Surrjal	2	A
Thiethylperazine	Torecan	2	A
Thiopental	Pentothal	2	A
Thiopropazate	Dartal	2	A
Thiopropazine	Malepiti	2	A

Alphabetical Substance List (Cont)

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Thioridazine	Mellaril	2	A
Thiosalicylate		4	C
Thiothixene	Navane	2	A
Thiphenamil	Trocinat	4	B
Thiaprone	Halprid, Luxoben, etc.	2	A
Thiaprofenic acid	Surgam	3	B
Tiletamine	Component of Telazol	2	A
Timiperone	Tolopelon	2	A
Timolol	Biocardin	3	B
Tocainide	Tonocard	4	B
Tofisoparn	Grandexain, Seriel	2	A
Tolazoline	Priscoline	3	B
Tolmetin	Tolectin	3	B
Topiramate	Topamax	2	A
Torsemide (Torasemide)	Demadex	3	A
Tramadol	Ultram	2	A
Trandolapril (and metabolite,trandolaprilat)	Tarka	3	B
Tranexamic acid		4	C
Tranylcypromine	Parnate	2	A
Trazodone	Desyrel	2	A
Trenbolone	Finoplix	3	B
Tretoguinol	Inolin	2	A
Triamcinolone	Velalog, etc.	4	C
Triamterene	Dyrenium	4	B
Triazolam	Halcion	2	A
Tribromethanol		2	A
Tricaine methanesulfonate	Finguel	2	A
Trichloromethiazide	Naqua, Naqussone	4	C
Trichloroethylene	Trilene, Trimar	2	A
Triclofos	Triclos	2	A
Tridihexethyl	Pathilon	4	B
Trifluomepazine	Nortran	2	A
Trifluoperazine	Stelazine	2	A
Trifluoperidol	Triperidol	2	A
Triflupromazine	Vetame, Vesprim	2	A
Trimeprazine	Artane	3	A
Trimeprazine	Temari	4	B
Trimethadione	Tridione	3	B
Trimethaphan	Arfonad	3	A
Trimipramine	Surmontil	2	A
Triptelennamine	PBZ	3	B

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Triprolidine	Actidil	4	B
Tubocurarine (Curare)	Metubin	2	A
Tybanate	Benvil, Nospan, etc.	2	A
Urethane		2	A
Valdecoxib		2	A
Valerianic acid		3	A
Valnoctamide	Nirvanyl	2	A
Valsartan	Diovan	3	B
Vardenafil	Levitra	3	A
Vedaprofen		4	B
Venlafaxine	Effexor	2	A
Veralpride	Accional, Veralipril	2	A
Verapamil	Calan, Isoplin	4	B
Vercuronium	Norcuron	2	A
Viloxazine	Catartol, Vivalan, etc.	2	A
Vinbarbital	Delvinol	2	A
Vinybital	Oplanox, Speda	2	A
Warfarin	Coumadin, Coufarin	5	C
Xylazine	Rompun, Bay Va 1470	3	B
Xylometazoline	Otrivin	4	B
Yohimbine		2	A
Zafirlukast	Accolate	4	C
Zaleplon	Sonata	2	A
Zeranol	Ralgru	4	C
Ziconotide		1	A
Zileuton	Zyflo	4	C
Zilipaterol hydrochloride	Zilipaterol	2	A
Ziprasidone	Geodon	2	A
Zolazepam		2	A
Zolmitriptan	Zomig	3	B
Zolpidem	Ambien, Stilnox	2	A
Zomepirac	Zomax	2	A
Zonisamide	Zonegran	3	B
Zopiclone	Inovan	2	A
Zotepine	Lodopin	2	A
Zuclopenthixol	Clatyl, Cesordinol	2	A
Δ-1-androstane-3,17-diol		3	A
Δ-1-androstane-3,17-dione		3	A
Δ-1-dihydrotestosterone		3	A

* See Recommended Penalty Section of Document

Alphabetical Substance List (Cont)

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.

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
3,4-methylenedioxypyrovalerone	MDPV, "Bath Salts"	1	A
Alfentanil	Alfenta	1	A
Aminorex	Aminoxafen, Aminoxaphen, Apique!, McN-742, Menocil	1	A
Amphetamine	Leritine	1	A
Anileridine		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
a-Cobratoxin		1	A
Cocaine		1	B
Codeine		1	A
DEA Schedule I (all)*		1	A
Demorphan		1	A
Dextromoramide	Palfum, Narcolo	1	A
Diamorphine		1	A
Donepezil	Aricept	1	A
Endorphins		1	A
Enkephalins		1	A
Ethylmorphine	Dionin	1	A
Etiorphine HCl	M/99	1	A
Fentanyl	Sublimaze	1	A
Heroin		1	A
Hydrocodone (dihydrocodanone)	Hydcoane	1	A
Hydromorphone	Dilaudid	1	A
Hydroxyamphetamine	Paradine	1	A
Levorphanol	Levo-Dremoran	1	A
Lofentanil		1	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Mazindol	Sanorex	1	A
Meperidine	Demerol	1	A
Mefentermine	Wyamine	1	A
Metaraminol	Aramine	1	A
Methadone	Dolophine	1	A
Methamphetamine	Desoxyn	1	A
Methaqualone	Quaalude	1	A
Methcathinone		1	A
Methylhexanamine (Methylhexanamine)	Geranamine	1	A
Methylphenidate	Ritalin	1	A
Metopon (methylhydromorphone)		1	A
Morphine		1	B
<i>Myo</i> -inositol trisphosphate (ITPP)		1	A
Nikethamide	Coramine	1	A
Oxycodone	Percodan	1	A
Oxymorphone	Numorphan	1	A
Pemoline	Cylert	1	A
Pentylenetetrazol	Metrazol, Niotic	1	A
Phenazocine	Narphen	1	A
Phencyclidine (PCP)	Serylan	1	A
Phendimetrazine	Bontril, etc.	1	A
Phenmetrazine	Preludin	1	A
Picrotoxin		1	A
Pirritamide		1	A
Remifentanil	Ultiva	1	A
Strychnine		1	B
Sufentanil	Sufenta	1	A
Synthetic cannabis	Spice, K2, Kronic	1	A
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
Accerbronal		2	A
Acetophenazine	Tindal	2	A
Adinazolam		2	A
Alclofenac		2	A
Aloutronium	Alloferin	2	A
Alphaprodine	Nisentil	2	A
Alpidem	Anaxyl	2	A
Alprazolam	Xanax	2	A
Althesin	Saffan	2	A
Amisulpride	Solian	2	A
Amiripylone	Elavil, Amitril, Endep	2	A
Amobarbital	Anyltal	2	A
Amoxapine	Asendin	2	A
Amperozide		2	A
Anilopam	Anisine	2	A
Aprobarbital	Alurate	2	A
Articaine	Septocaine; Ultracaine, etc.	2	A
Atomoxetine	Strattera	2	A
Atracurium	Tracrium	2	A
Azacylonol	Frenque	2	A
Azaperone	Stresnil, Suicalm, Fentaz (with Pentanyl)	2	A
Barbital	Veronal	2	A
Barbiturates		2	A
Bemegride	Megimide, Mikedimide	2	A
Benoxaprofen		2	A
Benperidol	Anquil	2	A
Benazeepam	Tiadipona	2	A
Benzoclitine	Depril, Bronchodilietten	2	A
Benzocetamine		2	A
Benzodiazepines		2	A
Benzonate	Tessalon, Tessalon Perles, Zonatuss	2	A
Benzphetamine	Didrex	2	A
Benztropine	Cogentin	2	A
Biperone		2	A
Brimonidine		2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Bromazepam	Lexotan, Lectopam	2	A
Bromisovalum	Diffuord, etc.	2	A
Bromocriptine	Parlodol	2	A
Bromperidol	Bromidol	2	A
Brotizolam	Brotocol	2	A
Bupivacaine	Marcaine	2	A
Buprenorphine	Temgesic	2	A
Buspione	Buspar	2	A
Bupropion	Wellbutrin	2	A
Butabarbital (Secbutobarbitone)	Butacaps, Butasol, etc.	2	A
Butalbital (Tabutal)	Fiorinal	2	A
Butanilicaine	Hostacain	2	A
Butaperazine	Repoise	2	A
Butocamamide	Listomin	2	A
Caffeine		2	B
Carazepam	Paxor	2	A
Carbodiame	Covatine	2	A
Carbidopa + levodopa	Sinemet	2	A
Carbromol	Mifidorm	2	A
Carisoprodol	Soma, Relax	2	B
Carphenazine	Proketazine	2	A
Carpiramine	Praznil	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
Chloridiazepoxide	Librium	2	A
Chlormezanone	Trancopal	2	A
Chloroform		2	A
Chlorhexidol		2	A
Chloroprocaine	Nesacaine	2	A
Chlorprothazine	Newiplege	2	A
Chlorpromazine	Thorazine, Largactil	2	A
Chlorprothixene	Taractan	2	A
Citalopram	Célex	2	A
Clobazam	Urbanyl	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
Clozapramine		2	A
Clomethiazole (Chlormethiazole)		2	A
Clonipramine	Anafanil	2	A
Clonazepam	Klonopin	2	A
Clorazepate	Tranxene	2	A
Clothiapine	Enternin	2	A
Clofiazepam	Trecalmo, Rize	2	A
Cloxazolam	Enadel, Sepazon, Tolestán	2	A
Clozapine	Clozaril, Leponex	2	A
Comorphone		2	A
Corticaine	Ultracain	2	A
Crotetamide		2	A
Cyanemazine	Tercian	2	A
Cyclobarbital	Phanodorm	2	A
Darbepoetin	Aranesp	2	A
Decamethonium	Syneurine	2	A
Demoxepam		2	A
Desipramine	Nopromine, Perofrane	2	A
Dezocine	Dalgan®	2	A
Diazepam	Valium	2	B
Dichloralphenazone	Febenol, Isocom	2	A
Diethylpropion	Tepanil, etc.	2	A
Diethylthiambutene	Thermalon	2	A
Dihydrocodeine	Parcodin	2	A
Dilorzepam	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
Enciprazine		2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Ephedrine		2	A
Epibatidine		2	A
Epinephrine		2	A
Ergoloid Mesitylates (dihydroergocornine Mesitylate, dihydroergocristine mesylate and dihydroergocryptine mesylate)		2	A
Erythropoietin (EPO)		2	A
Estrazolam	Epogen, Procrit, etc. Domnamid, Eurodin, Nuclalon	2	A
Ethamivyan		2	A
Ethanol		2	A
Ethchlorvynol	Placidyl	2	A
Ethinamate	Valmid	2	A
Ethiopropazine	Parsidol	2	A
Ethylisobutrazine	Diguel	2	A
Etidocaine	Duranest	2	A
Etilfoxin	Stresam	2	A
Etizolam	Depas, Pasaden, Indunox	2	A
Etiroxyzine		2	A
Etomidate		2	A
Fenarbutate	Tymium	2	A
Fenclozic Acid	Cincopal	2	A
Fenfluramine	Pondimin	2	A
Fluanisone	Sedalande	2	A
Fludiazepam	Ertispan	2	A
Flunitrazepam	Rohypnol, Narcozep, Darkene, Hypnodorm	2	A
Fluopromazine	Psyquil, Siquil	2	A
Fluoresone	Caducid	2	A
Fluoxetine	Prozac	2	A
Flupenthixol	Depixol, Fluaxol	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
Fluphenazine	Prolixin, Permittil, Anatsol, etc.	2	A
Flurazepam	Dalmane	2	A
Fluspirilene	Imap, Redepin	2	A
Flutoprazepam	Restas	2	A
Fluvoxamine	Dumirox, Faverin, etc.	2	A
Galantamine	Reminyl	2	A
Gallamine	Flaxcedil	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
Homophenazine	Pelvicthol	2	A
Hydroxyzine	Atarax	2	B
Ibomal	Noctal	2	A
Imipramine	Imavate, Presamine, Tofranil	2	A
Isapirone	Marplan	2	A
Isocarbinoxazid		2	A
Isomethadone		2	A
Isoprotorenol	Isoprel	2	A
Isoxicam	Maxicam	2	A
Ketamine	Ketalar, Ketaset, Vetalar	2	B
Ketazolam			
	Anxon, Laftam, Solatran, Lofran	2	A
Lenperone	Elanone-V	2	A
Levamisole		2	B
Levomethorphan		2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Lidocaine	Xylocaine	2	B
Lithium	Lithizine, Duralith, etc.	2	A
Lobeline		2	A
Loflazepate, Ethyl	Victan	2	A
Loperamide	Imodium	2	A
Loprazolam	Dormonor, Havlane	2	A
Lorazepam	Ativan	2	A
Lormetazepam	Noctamid	2	A
Loxapine	Laxitane	2	A
Maprotiline	Ludomil	2	A
Mebutamate	Axten, Dormate, Capla	2	A
Meclofenoxate	Luclidril, etc.	2	A
Medazepam	Noorium, etc.	2	A
Melperone	Eunerpan	2	A
Memanthine	Namenda	2	A
Meparfynol	Oblivon	2	A
Mepazine	Pacatal	2	A
Mephexalone	Control, etc.	2	A
Mephentoin	Mesantoin	2	A
Mephobarbital (Methylphenobarbital)	Mebaryl	2	A
Mepivacaine	Carbocaine	2	B
Meproramate	Eguanil, Mitown	2	A
Mesoridazine	Sereniti	2	A
Metaclazepam	Talis	2	A
Metazocine		2	A
Metharbital	Gemonil	2	A
Methohexital	Brevital	2	A
Methotrimprazine	Levoprome, Neurocil, etc.	2	A
Methyprylon	Noludar	2	A
Metourine	Metubine	2	A
Metomidate	Hypnodil	2	A
Mexazolam	Melex	2	A
Mifadazolam	Versed	2	A
Mirtazepine	Remeron	2	A
Mivacurium	Mivacron	2	A
Modafinil	Provigil	2	A
Molindone	Moban	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
Moperone	Luvaten	2	A
Mosaprimine		2	A
Nalbuphine	Nubain	2	A
Nalorphine	Nalline, Lethidrone	2	A
Nefazodone	Serzone	2	A
Nimetazepam	Erimin	2	A
Nitrazepam	Mogadon	2	A
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
Oxlofifine (hydroxyephedrine)		2	A
Oxyperitine	Forit, Integrin	2	A
Paliperidone		2	A
Pancaronium	Paulton	2	A
Paraldehyde	Paral	2	A
Paroxetine	Paxil, Seroxat	2	A
Perfluridol	Cyperon	2	A
Pentobarbital	Nembutal	2	A
Petazine	Taxilan	2	A
Perflurodecolin		2	A
Perfluorodecalydronephthalene		2	A
Perfluoroocetyl bromide		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	Nardelazine, Nardil	2	A
Phenobarbital	Luminal	2	A
Phentermine	Iomamin	2	A
Pimindone	Alvodine, Cimadon	2	A
Pimozide	Orap	2	A
Pinazepam	Domar	2	A
Pipamperone	Dipiperon	2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Pipecuronium	Arduan	2	A
Pipequaline		2	A
Piperacetazine	Psymod, Quidle	2	A
Piperocaine	Mevecaine	2	A
Pipotiazine	Lonseren, Piportil	2	A
Pipradrol	Dataril, Gerondyl, etc.	2	A
Piquindone		2	A
Praxepam	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	Dipriivan, Disopriivan	2	A
Propoxycaïne	Ravocaine	2	A
Prothipendyl	Dominal	2	A
Protriptyline	Concordin, Triptil	2	A
Proxibarbital	Axeen, Centralgol	2	A
Pyrrithyldione	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	A
Rilmazafone		2	A
Risperidone		2	A
Ritanserlin		2	A
Rivastigmine	Exelon	2	A
Rocuronium	Zemuron	2	A
Rofecoxib	Vioxx	2	A
Romifidine	Sedivet	2	B
Ropivacaine	Naropin	2	A
Secobarbital (Quinalbarbitone)	Seconal	2	A
Selegiline	Eldepryl, Jumex	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
Setraline	Lustral, Zoloft	2	A
Snake Venoms		2	A
Somatrem	Protropin	2	A
Somatropin	Nutropin	2	A
Spiclomazine		2	A
Spiperone		2	A
Succinylcholine	Sucostrin, Queclin, etc.	2	A
Sulfondiethylmethane		2	A
Sulfomethane		2	A
Sulfonidazine	Inofal	2	A
Sulpiride	Aiglonyl, Sulpitol	2	A
Sultopride	Barnetil	2	A
Talbutal	Lotusate	2	A
Tandospirone		2	A
Temazepam	Restoril	2	A
Tetrabenazine	Nitomax	2	A
Tetracaine	Pontocaine	2	A
Tetraxepam	Musaril, Myolastin	2	A
Thebaine		2	A
Thalbarbital	Kemithal	2	A
Thiamylal	Surital	2	A
Thiethylperazine	Torecan	2	A
Thiopental	Pentothal	2	A
Thiopropazate	Dartal	2	A
Thiopropazine	Malepiti	2	A
Thiordazine	Mellari	2	A
Thiothixene	Navane	2	A
Tiaprind	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	A
Tranylcypromine	Parnate	2	A
Trazodone	Desyrel	2	A
Tretouinol	Inolin	2	A
Tiazolam	Halcion	2	A
Tribromethanol		2	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Tricaine methanesulfonate	Finquel	2	A
Trichloroethanol		2	A
Trichloroethylene	Trilene, Timar	2	A
Triclofos	Triclos	2	A
Trifluomepazine	Nortran	2	A
Trifluoperazine	Stelazine	2	A
Trifluoperidol	Triperidol	2	A
Triflupromazine	Vetame, Vesprin	2	A
Trimpramine	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	Catrol, Vivalan, etc.	2	A
Vinbarbital	Delvinol	2	A
Vinylbital	Optanox, Speda	2	A
Yohimbine		2	A
Zaleplon	Sonata	2	A
Zilipaterol hydrochloride	Zilipaterol	2	A
Ziprasidone	Geodon	2	A
Zolazepam		2	A
Zolpidem	Ambien, Stinox	2	A
Zomepirac	Zomax	2	A
Zopiclone	Imovan	2	A
Zolepine	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	Seetral	3	B
Acepromazine	Atrivet, Notensil, PromAce®	3	B
Albuterol (Salbutamol)	Proventil, Ventolin	3	B
Almotriptan	Axert	3	A
Alprenolol		3	A
Ambenonium	Mytelase, Myeuran	3	B
Aminophylline	Aminophyllin, etc.	3	B
Amirtraz	Miltaban	3	A
Amlodipine	Norvasc	3	A
Amyl nitrite		3	A
Arecoline		3	A
Arformoterol		3	A
Atenolol	Tenormin	3	B
Atropine		3	B
Benzepiril, Benzepiril and MC-Tab	Lotensin	3	A
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
Brethium	Brethirol	3	B
Brimondine	Alphagan	3	B
Bromfenac	Duract	3	A
Bromodiphenhydramine		3	B

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Butefamac		3	A
Bumetanide	Bumex	3	B
Butorphanol	Stadol, Torbugesic	3	B
N-Butylscopolamine		3	B
Calusterone		3	B
Candesartan	Atacand	3	B
Capipril	Capolen	3	B
Carazolol	Carbacel, Conduction	3	A
Carbachol	Lentin, Doryl	3	B
Carbamazepine	Tegretol	3	B
Carbinoxamine	Clistin	3	B
Carteolol	Cartrol	3	B
Carvedilol	Coreg	3	B
Celecoxib	Celebrex	3	B
Cimetrol		3	A
Clemastine	Tavist	3	B
Clenbuterol	Ventipulmin	3	B
Clidinium	Quarezan, Clindex, etc.	3	B
Clonidine	Catapres	3	B
Clostebol		3	B
Cobalt		3	B ²
Cyclandelate	Cyclospasmol	3	A
Cycrimine	Pagitan	3	B
Danzol	Danocrine	3	B
Dehydrochloromethyltestosterone		3	B
Deracoxib	Deramaxx	3	B
Desoxymethyltestosterone		3	B
Detomidine	Dormosedan	3	B

² 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
Dextropropoxyphene	Darvon	3	B
Diazoxide	Proglycem	3	B
Diflunisal		3	B
Dimetane		3	A
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
Elitripan	Relpax	3	A
Enalapril (metabolite enalaprilat)	Vasotec	3	B
Ergoloid mesylates		3	B
Ertitrityl tetranitrate	Cardilate	3	A
Esmolol	Brevibloc	3	B
Ethamphylline		3	B
Ethacrynic acid	Edecrin	3	B
Ethosuximide	Zarontin	3	A
Ethylestrenol	Maxibolin, Organon	3	B
Ethylmeprobamate	Bronkaphrine	3	A
Etiololac	Lodine	3	B
Felbamate	Felbatol	3	A
Fenbutafen	Cincoval	3	B
Fenoldopam	Corlopam	3	B
Fenopropfen	Nalfon	3	B
Fenoterol	Berotec	3	B
Fenspride	Respride, Respan, etc	3	B
Ferriazac		3	B
Flunbiprofen	Proben	3	B
Flufenamic Acid		3	B
Fluoxymesterone	Halolestin	3	B
Flupirtine	Katadolone	3	A
Formebolone		3	B
Formoterol	Altran	3	B
Fosinopril	Monopril	3	A
Fosphenytoin	Cerebryx	3	B

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Furazabol		3	B
Gabapentin	Neurontin	3	B
Gamma Aminobutyric Acid (GABA)	Carolina Gold	3	B
Gestrinone		3	A
Glycopyrrolate	Robinul	3	B
Guafenesin	Hylarel	3	A
Guafenesin	Ismelein	3	A
Guafenesin	Wyfensin	3	B
Hepaminol	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
Ibesarten	Avapro	3	A
Isoetharine	Bronkosol	3	B
Isoorbide dinitrate	Isordil	3	B
Kebugzone		3	B
Ketorolac	Toradol	3	A
Labetalol	Normodyne	3	B
Lamotrigine	Lamictal	3	A
Levobunolol	Betagan	3	B
Lisinopril	Prinivil, Zestril	3	A
Losartan	Hyzaar	3	B
Mabuterol		3	A
Mecamylamine	Inversine	3	B
Medetomidine	Dormitor	3	B
Meferamic Acid	Ponstel	3	B
Meperizolate	Canril	3	A
Mestanolone		3	B
Mesterolone		3	B
Metoprolol	Alupent, Metaprel	3	B
Metoprolol		3	B
Methacholine		3	A
Methandienone		3	B
Methandiol	Probiolic	3	B
Methandrostolone	Dianabol	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
Methamphetamine	Banithine	3	B
Methasterone		3	A
Methixene	Trest	3	A
Methoxamine	Vasoxyl	3	A
Methoxyphenamine	Orthoxide	3	A
Methsuximide	Celonin	3	A
Methylatropine		3	B
Methyldienolone		3	B
Methyldopa	Aldomet	3	A
Methylnoresterone		3	B
Methyltestosterone	Metandren	3	A
Methyl-1-testosterone		3	A
Metolazone		3	B
Metoprolol	Lopressor	3	B
Mifepradil	Posicor	3	B
Mibolerone		3	B
Mifodrine	Pro-Amiline	3	B
Minoxidil	Loniten	3	B
Moexipril (metabolite, moexiprilat)	Uniretic	3	B
Muscarine		3	A
Nabumetone	Anturaxan, Relafen, Relifex	3	A
Nadol	Corgard	3	B
Naloxone	Narcan	3	A
Naltrexone	Revia	3	A
Nandrolone	Nandrolin, Laurobolin, 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
Nitroglycerin		3	B
19-Norandrostenediol		3	B
19-Norandrostenedione		3	B
Norbolethone		3	B
Norclostebol		3	B
Norethandrolone		3	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Nylidrine	Arildin	3	A
Oimesatan	Benicar	3	A
Oxabolone		3	B
Oxandrolone	Anavar	3	B
Oxcarbazepine	Trileptal	3	A
Oxprenolol	Trasicor	3	B
Oxymesterone		3	B
Oxymetholone	Adroyd, Anadrol	3	B
Papaverine	Pavagen, etc.	3	A
Paramethadione	Paraldione	3	A
Pargyline	Eutonyl	3	A
Pebutolol	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	Propadine	3	B
Physostigmine	Eserine	3	B
Pindolol	Viskin	3	A
Pirbuterol	Maxair	3	A
Piretanide	Arelix, Tauliz	3	B
Piroxicam	Feldene	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
Propranolol	Pro-Banithine	3	A
Propentophylline	Karsivan	3	B
Propranolol	Inderal	3	B
Protokylol	Ventaire	3	B
Pseudoephedrine	Cenafed, Novafed	3	A
Pyridostigmine	Mestinon, Regonol	3	B

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
Pyrimamine	Neocatergan, Equihist	3	B
Quinapril, Quinaprilat	Accupril	3	A
Quinbolone		3	B
Ramipril, metabolite Ramiprilat	Altace	3	A
Ritodrine	Yutopar	3	B
Rizatriptan	Maxalt	3	B
Salmeterol		3	B
Scopolamine (Hyosamine)	Triptone	3	B
Sibutramine	Meridia	3	B
Sildenafil	Viagra	3	A
Sotalol	Betapace, Sotacor	3	B
Spirapril, metabolite Spiraprilat	Renomax	3	A
Stanozolol	Winstrol-V	3	B
Stenbolone		3	B
Sulindac	Clinoril	3	A
Sumatriptan	Imitrex	3	B
Tadalafil	Chialis	3	A
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	Aqualaphyllin, 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
Trihexyphenidyl	Artane	3	A
Trimethadione	Tridione	3	B
Trimethaphan	Arfonad	3	A
Tripeleminamine	PBZ	3	B
Valerianic acid		3	A

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
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
Acetaminophen (Paracetamol)	Tylenol, Tempa, etc.	4	C
Acetamid		4	B
Acetazolamide	Diamox, Velamox	4	B
Acetophenetidin (Phenacetin)		4	B
Acetylsalicylic acid (Aspirin)		4	C
Alomethasone	Aclovaite	4	C
Adrenochrome monosemicarbazone salicylate		4	B
Aldosterone	Aldocortin, Electrocorin	4	B
Ambroxol	Ambril, etc.	4	C
Amcinonide	Cyclocort	4	C
Amiloride	Moduretic; Midamor	4	B
Aminocaproic acid	Amicar; Caprocid	4	C
Amiodarone		4	B
2-Aminohexane	Tuamine	4	B
Aminopyrine		4	B
Amisometradine	Rolictron	4	B
Amlodipine	Norvasc, Amminvin	4	B
Amrnone		4	B
Anisotropine	Valpin	4	B
Antipyrene		4	B
Apazone (Azapropazone)	Rheumox	4	B
Apridine		4	B
Baclofen	Lioresal	4	B
Beclomethasone	Propaderm	4	C
Benazepril	Lotrel	4	B
Bendroflumethiazide	Naturetin	4	B
Benoxinate	Dorsacaine	4	C
Benzocaine		4	B
Benzhiazole		4	B
Bepitil	Bepadin	4	B
Betamethasone	Betasone, etc.	4	C
Bethanechol	Urecholine, Duvoid	4	C
Bromhexine	Oloro, etc.	4	B
Brompheniramine	Dimetane, Disomer	4	B
Budesonide	Pulnacort, Rhinocort	4	B
Butacaine	Butyn	4	C
Butamben (butyl aminobenzoate)	Butesin	4	C
Butoxyacaine	Stadacain	4	B
Camphor		4	C
Carbazochrome		4	C

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Carprofen	Rimadyl	4	B
Cetirizine	Zyrtec	4	B
Chlormerodrin	Neohydram	4	B
Chlorophenesin	Maolate	4	C
Chloroquine	Avloclor	4	C
Chlorothiazide	Diuril	4	B
Chlorpheniramine	Chlortrimeton, etc.	4	B
Chlorthalidone	Hydrotol	4	B
Chlorzoxazone	Paraflex	4	B
Ciclesonide		4	B
Cinchocaine	Nupercaine	4	C
Cianobutin		4	B
Clibucaine	Batrax	4	C
Clobetasol	Temovate	4	C
Clocortolone	Cloderm	4	C
Clofenamide		4	B
Clomecaine	Placacid	4	C
Colchicine		4	B
Cortisone	Cortone, etc.	4	C
Cyclizine	Merazine	4	B
Cyclobenzaprine	Flexeril	4	B
Cyclomethyleaine	Surfacaine	4	C
Cyclothiazide	Anhydron, Renazide	4	B
Cyproheptadine	Peractin	4	C
Dantrolene	Dantium	4	C
Dembroxol (Dembrexine)	Sputolysin	4	C
Deoxy/corticosterone	Percortin, DOCA, Descotone, Dorcostrin	4	C
Desonite	Des Owen	4	C
Desoximetasone	Topicort	4	C
Dexamethasone	Azium, etc.	4	C
Dextromethorphan		4	B
Dibucaine	Nupercainal, Cinchocaine	4	C
Dichlorophenamide	Daramide	4	C
Diclofenac	Voltaren, Voltarol	4	C
Diflorasone	Fluorone, Maxiflor	4	C
Difluocortolone	Flu-Cortines, etc.	4	C
Digitoxin	Cystlodigin	4	B
Digoxin	Lanoxin	4	B
Dihydroergotamine		4	B
Diltiazem	Cardizem	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
Dimethisoquin	Quotane	4	B
Dimethylsulfoxide (DMSO)	Domoso	4	C
Diphenoxylate	Difenoxin, Lomofil	4	B
Dipyrene	Novin, Methampyrone	4	C
Disopyramide	Norpace	4	B
Dyclonine	Dyclone	4	C
Eltenac		4	C
Ergonovine	Ergotrate	4	C
Ergotamine	Gynergen, Cafergot, etc.	4	B
Etanercept	Enbrel	4	B
Ethioheptazine	Zactane	4	B
Ethotoin	Peganone	4	B
Ethoxzolanide	Cardase, Ethamide	4	C
Ethylaminobenzoate (Benzocaine)	Semets, etc.	4	C
Felodipine	Plendil	4	B
Revoxenadine	Allegra	4	C
Firocoxib		4	C
Flecainide	Idalon	4	B
Floctafenine	Idalon, Idarac	4	B
Flucinolone	Synalar, etc.	4	C
Fludrocortisone	Alfalone, etc.	4	C
Flumethasone	Flucort, etc.	4	C
Flumethiazide	Ademol	4	B
Flunarizine	Sibelium	4	B
Flunarsolide	Bronilide, etc.	4	C
Flunixin	Banamine	4	C*
Fluocinolone	Synalar	4	C
Fluocinonide	Licon, Lidex	4	C
Fluorometholone	FML	4	B
Flutroprednisolone	Predef-2X	4	C
Fluprednisolone	Alphadrol	4	C
Flurandrenolide	Cordan	4	C
Fluticasone	Flixonase, Flutide	4	C
Guafenesin (glycerol guaiacolate)	Gecolate	4	C
Halofenonide	Halog	4	C
Halobetasol	Ultravate	4	C
Hexocycium	Tral	4	B
Hexylcaine	Cyclaine	4	C
Hydrochlorothiazide	Hydrodiuril	4	B
Hydrocortisone (Cortisol)	Cortef, etc.	4	C
Hydroflumethiazide	Saluron	4	B

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Ibuprofen	Morin, Advil, Nurpin, etc.	4	C
Infliximab	Remicade	4	B
Isoflupredone	Predef	4	C
Isomethoptene	Octin, Octon	4	B
Isopropamide	Darbid	4	B
Isoxsuprine	Vasodilan	4	C
Istradipine	DynaCirc	4	B
Ketoprofen	Orudis	4	C*
Letrosteine	Viscotol, Visiotol	4	C
Loratidine	Claritin	4	B
Mecizizine	Antivert, Bonine	4	B
Meclofenamic acid	Arquel	4	C
Medrysone	Medrusar, etc.	4	C
Meloxicam	Mobic	4	B
Mephensin	Tolserol	4	B
Meralluride	Merulhydrin	4	B
Merbaphen	Novasural	4	B
Mercaptomerin	Thiomerin	4	B
Mercumalilin	Cumerilin	4	B
Mersalyi	Salyrgan	4	B
Metaxalone	Skelaxin	4	B
Methapyrilene	Histadyl, etc.	4	B
Methazolanide	Napitazane	4	C
Methidiazine	Tacaryl	4	B
Methocarbamol	Robaxin	4	C
Methotrexate	Foley, Nexate, etc.	4	B
Methscopolamine	Pamine	4	B
Methylchlorothiazide	Enduron	4	B
Methylethergonovine	Methergine	4	C
Methylprednisolone	Medrol	4	C
Methysergide	Sansert	4	B
Metiamide		4	B
Metoclopramide	Reglan	4	C
Mexilitine	Mexilitil	4	B
Miltirone		4	B
Mometasone	Elocon	4	C
Montelukast	Singulair	4	C
Naepaine	Amylsine	4	C
Naphazoline	Privine	4	B
Naproxen	Equiproxen, Naprosyn	4	C

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
Nicardipine	Cardine	4	B
Nifedipine	Procardia	4	B
Nimodipine	Nemotop	4	B
Nortesterone		4	C
Olsalazine	Dipertum	4	B
Orphenadrine	Norlief	4	B
Oxaprozin	Daypro, Defflam	4	C
Oxymetazoline	Afrin	4	B
Oxyphenbutazone	Tandemil	4	C
Oxyphenyclimine	Daricon	4	B
Oxyphenonium	Antrenyl	4	B
Paramethasone	Haldrome	4	C
Pentoxifylline	Trental, Vazofrin	4	C
Phenacetamide	Phenurone	4	B
Phensuximide	Milonin	4	B
Phenylbutazone		4	C*
Phenytoln	Dilantin	4	B
Polythiazide	Renese	4	B
Pramoxine	Tronothaine	4	C
Prednisolone	Delta-Cortef, etc.	4	C
Prednisone	Meticorten, etc.	4	C
Probencid	Pronestyl	4	B
Procainamide		4	B
Propafenone	Rythmol	4	B
Proparacaine	Ophthaine	4	C
Propylhexedrine	Benzdrex	4	B
Quinidine	Quinidex, Quinocardine	4	B
Salicylamide		4	C
Salicylate		4	C
Spironolactone	Aldactone	4	B
Sulfasalazine	Azulfidine, Azaline	4	C
Terfenadine	Seldane, Trihudan	4	B
Tetrahydrozoline	Tyzine	4	B
Theobromine		4	B
Thiosalicylate		4	C
Thiophenamil	Trocinat	4	B
Tocainide	Tonocard	4	B
Tranexamic acid		4	C
Triamcinolone	Vetalog, etc.	4	C
Triamterene	Dyrenium	4	B
Trichloromethiazide	Naqua, Naquasone	4	C

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class
Tridhexethyl	Pathlon	4	B
Trimepazine	Temarl	4	B
Triprolidine	Acridil	4	B
Tuaminoheptane	Tuamine	4	C
Vedaprofen		4	B
Verapamil	Calan, Isoptin	4	B
Xylometazoline	Orivim	4	C
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	C
Clostatzol	Pletal	5	C
Cimetidine	Tagamet	5	D
Cromolyn	Intel	5	C
Dicumarol	Dicumarol	5	C
Dimethylsulphone (MSM)		5	C
Diphenadione		5	C
Esomeprazole	Nexium	5	D
Famotidine	Gaster, etc.	5	D
Lansoprazole		5	D
Mesalamine	Asacol	5	C
Misoprostel	Cytotec	5	C
Nedocromil	Tilade	5	C
Nizatidine	Axid	5	C
Omeprazole	Prilosec, Losec	5	D
Pantoprazole	Protonix	5	D
Phenindione	Hedulin	5	C
Phenprocoumon	Liquamar	5	C
Pirenzapine	Gastrozepin	5	C
Polyethylene glycol		5	C
Rabeprazole	Aciphex	5	C
Ranitidine	Zantac	5	D
Warfarin	Coumadin, Coufarin	5	C

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

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 PRANER		
1 st Offense	2 nd LIFETIME offense in any jurisdiction	3 rd 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% 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 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% 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.
LICENSED OWNER		
1 st Offense	2 nd LIFETIME offense in owner's stable any jurisdiction	3 rd 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:

LICENSEE/OWNER		
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. <p style="text-align: center;">AND</p> <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.
LICENSEE/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.

*The RMTC recommendation called for loss of purse to happen in absence of mitigating circumstances. The Joint Model Rules Committee has made loss of purse mandatory in their proposal.

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)
10.00	July 2015	Methylhexanamine	Added alternative spelling	7, 13
10.00	July 2015	Gamma Amino butyric 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 contractions 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
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

Version	Date	Drug/Substance	Notes	Approx. Page(s)
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	Zipaterol 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	Pyrilamine	Corrected typographical error on Penalty Class (Listed as Penalty Class A in "Listing by Classification" section.	9, 20
4.00	July 2012	<i>myo</i> -inositol trispyrophosphate (TTPP)	Added as Class 1, Penalty A	7, 12
4.00	July 2012	Benzonate	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	Butanlicaine	Corrected Penalty Class omission in Alphabetical Listing section of document	2, 13
3.00	December 2011	3,4-methylenedioxy-pyrovaleone, 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-pyrovaleone, 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

Version	Date	Drug/Substance	Notes	Approx. Page(s)
1.00	December 2010	Zilipaterol	Added as Class 3, Penalty a	11, 17
1.00	December 2010	Dimethylsulfoxide (DMSO)	Changed from Class 5 to Class 4	4, 23