



**DRUG TESTING STANDARDS AND  
PRACTICES PROGRAM.**

**Uniform Classification Guidelines for Foreign Substances  
And Recommended Penalties Model Rule.**  
**January, 2019 (V.14.0)**

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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.dea diversion.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.
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- **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.



UNIFORM CLASSIFICATION OF FOREIGN SUBSTANCES  
Version 14.0 (January, 2019)

# **ALPHABETICAL SUBSTANCE LIST**

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ARCI Uniform Classification of Substances - Version 14.0 - January, 2019

Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
$\Delta$ -1-androstene-3, 17-diol		3	A		
$\Delta$ -1-androstene-3, 17-dione		3	A		
$\Delta$ -1-dihydrotestosterone		3	A		
1-androstenediol (5 $\alpha$ -androst-1-ene-3 $\beta$ , 17 $\beta$ -diol)		3	B	Steroid - endogenous weak androgen steroid hormone and intermediate in the biosynthesis of testosterone from dehydroepiandrosterone (DHEA) and of estrone.	Endogenous AAS
1-androstenedione (5 $\alpha$ -androst-1-ene-3, 17-dione)		3	B	Steroid - endogenous weak androgen steroid hormone and intermediate in the biosynthesis of testosterone from dehydroepiandrosterone (DHEA) and of estrone.	Endogenous AAS
1-testosterone (17 $\beta$ -hydroxy-5 $\alpha$ -androst-1-en-3-one)		3	A	Steroid - chemically related to anabolic steroids.	AAS lacking FDA approval
19-Norandrostenediol		3	B		
19-Norandrostenedione		3	B		
19-noretiocholanolone.		3	B	Nandrolene Link - a metabolite of nandrolone (19-nortestosterone) and bolandione (19-norandrostenedione).	Metabolite of a B substance
2-Aminoheptane	<i>Tuamine</i>	4	B		
3-Methoxytyramine	<i>3-MT</i>	2	A		
3,4-methylenedioxypropylvalerone	<i>MDPV, "bath salts"</i>	1	A		
4-androstene-3,6,17 trione (6-oxo)		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Aromatase inhibitors.	Testolactone has B classification
4-androstenediol (androst-4-ene-3 $\beta$ ,17 $\beta$ -diol)		3	B	Testosterone Link - androstenediol that is converted to testosterone.	Metabolized to a B substance
4-Hydroxytestosterone		3	B		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
5-androstenedione (androst-5-ene-3,17-dione)		3	B	Testosterone Link - prohormone of testosterone.	Metabolized to a B substance
5 $\alpha$ -androstane-3 $\alpha$ ,17 $\alpha$ -diol		3	B	Testosterone Link - testosterone metabolite.	Metabolite of a B substance
5 $\alpha$ -androstane-3 $\alpha$ ,17 $\beta$ -diol		3	B	Testosterone Link - testosterone metabolite.	Metabolite of a B substance
5 $\alpha$ -androstane-3 $\beta$ ,17 $\alpha$ -diol		3	B	Testosterone Link - testosterone metabolite.	Metabolite of a B substance
5 $\alpha$ -androstane-3 $\beta$ ,17 $\beta$ -diol		3	B	Testosterone Link - testosterone metabolite.	Metabolite of a B substance
5 $\beta$ -androstane-3 $\alpha$ ,17 $\beta$ -diol, androst-4-ene-3 $\alpha$ ,17 $\alpha$ -diol		3	B	Testosterone Link - androstenediol that is converted to testosterone.	Metabolized to a B substance
7-keto-dhea;19-		3	B	DHEA Link - a steroid produced by metabolism of the prohormone dehydroepiandrosterone (DHEA).	Metabolite of a B substance
7 $\alpha$ -hydroxy-dhea		3	B	DHEA Link - naturally occurring steroid and a major metabolite of dehydroepiandrosterone (DHEA).	Metabolite of a B substance
7 $\beta$ -hydroxy-dhea		3	B	DHEA Link - naturally occurring steroid and a major metabolite of dehydroepiandrosterone (DHEA).	Metabolite of a B substance
a-Cobratoxin		1	A		
Acebutolol	<i>Sectral</i>	3	B		
Accarbromal		2	A		
Acenocoumarol		5	C		
Acepromazine	<i>Atrovet, Notensil, PromAce®</i>	3	B		
Acetaminophen (Paracetamol)	<i>Tylenol, Tempra, etc.</i>	4	C		
Acetanilid		4	B		
Acetazolamide	<i>Diamox, Vetamox</i>	4	C		
Acetophenazine	<i>Tindal</i>	2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Acetophenetidin (Phenacetin)		4	B		
Acetylsalicylic acid (Aspirin)		4	C		
Activators of the AMP-activated protein kinase (AMPK) - E.g., AICAR, and Peroxisome Proliferator Activated Receptor $\delta$ (ppar $\delta$ ) agonists (e.g., GW 1516).	<i>AICAR</i>	2	A	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines.	PPARs are experimental drugs without FDA approval
Adinazolam		2	A		
Adrenochrome monosemicarbazone salicylate		4	B		
Albuterol (Salbutamol)	<i>Proventil, Ventolin</i>	3	B	NOTE: "A" penalty for quarter horse races.	
Alclofenac		2	B		
Alclometasone	<i>Aclovate</i>	4	C		
Alcuronium	<i>Alloferin</i>	2	A		
Aldosterone	<i>Aldocortin, Electro cortin</i>	4	B		
Alfentanil	<i>Alfenta</i>	1	A		
Almotriptan	<i>Axert</i>	3	A		
Alphaprodine	<i>Nisentil</i>	2	A		
Alpidem	<i>Anaxyl</i>	2	A		
Alprazolam	<i>Xanax</i>	2	A		
Alprenolol		2	A		
Althesin	<i>Saffan</i>	2	A		
Altrenogest	<i>Regumate</i>	4	C	*Classification for geldings, colts, adult intact males only.	
Ambenonium	<i>Mytelase, Myeuran</i>	3	B		
Ambroxol	<i>Ambрил, etc.</i>	4	B		
Amcinonide	<i>Cyclocort</i>	4	C		
Amiloride	<i>Moduretic; Midamor</i>	4	B		
Aminocaproic acid	<i>Amicar, Caprocid</i>	4	C		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Aminoglutethimide		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines.	Testolactone has B classification
Aminophylline	<i>Aminophyllin, etc.</i>	3	B		
Aminopyrine		4	B		
Aminorex	<i>Aminoxafen, Aminoxaphen, Apiquel, McN-742, Menocil</i>	1	A		
Amiodarone		4	B		
Amisometradine	<i>Rolictron</i>	4	B		
Amisulpride	<i>Solian</i>	2	A		
Amitraz	<i>Mitaban</i>	3	B		
Amitriptyline	<i>Elavil, Amitril, Endep</i>	2	A		
Amlodipine	<i>Ammivin, Norvasc</i>	3	B		
Amobarbital	<i>Amytal</i>	2	A		
Amoxapine	<i>Asendin</i>	2	A		
Amperozide		2	A		
Amphetamine		1	A		
Amrinone		4	B		
Amyl nitrite		2	A		
Anastrozole		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Aromatase inhibitors.	Testolactone has B classification
Androst-4-ene-3 $\alpha$ ,17 $\beta$ -diol		3	B	Testosterone Link - an androstenediol that is converted to testosterone.	Metabolized to a B substance
Androst-4-ene-3 $\beta$ ,17 $\alpha$ -diol		3	B	Testosterone Link - an androstenediol that is converted to testosterone.	Metabolized to a B substance
Androst-5-ene-3 $\alpha$ ,17 $\alpha$ -diol		3	B	Testosterone Link - androstenediol that is converted to testosterone.	Metabolized to a B substance

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Androst-5-ene-3 $\alpha$ ,17 $\beta$ -diol		3	B	Testosterone Link - prohormone of testosterone.	Metabolized to a B substance
Androst-5-ene-3 $\beta$ ,17 $\alpha$ -diol		3	B	Testosterone Link - prohormone of testosterone.	Metabolized to a B substance
Androsta-1,4,6-triene-3,17-dione (androstatrienedione)		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Aromatase inhibitors.	Testolactone has B classification
Androstenediol (androst-5-ene-3 $\beta$ , 17 $\beta$ -diol)		3	B	Steroid: weak androgen and estrogen steroid hormone and intermediate in the biosynthesis of testosterone from dehydroepiandrosterone (DHEA)	Metabolite of a B substance
Androstenedione (androst-4-ene-3, 17-dione)		3	B	Steroid: endogenous weak androgen steroid hormone and intermediate in the biosynthesis of testosterone from dehydroepiandrosterone (DHEA) and of estrone.	Endogenous AAS
Androsterone (3 $\beta$ -hydroxy-5 $\alpha$ – androstan-17-one)		3	B	Testosterone Link - a metabolite of testosterone and dihydrotestosterone (DHT).	Metabolite of a B substance
Anileridine	<i>Leritine</i>	1	A		
Anilopam	<i>Anisine</i>	2	A		
Anisindione		5	D		
Anisotropine	<i>Valpin</i>	4	B		
Antipyrine		4	B		
Apazone (Azapropazone)	<i>Rheumox</i>	4	B		
Apomorphine		1	A		
Aprindine		4	B		
Aprobarbital	<i>Alurate</i>	2	A		
ARA-290		1	A	Erythropoietin Link - a nonerythropoietic peptide engineered from erythropoietin.	Blood doping agent

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Arecoline		3	A		
Arformoterol		3	B		
Aromatase inhibitors listed:					
Articaine	<i>Septocaine;</i> <i>Ultracaine,</i>	2	B		
Asialo EPO		1	A	Erythropoietin Link - desialylated form of human glycoprotein hormone erythropoietin (EPO), which has been reported to be neuro-, cardio-, and renoprotective in animal models of organ injuries.	Blood doping agent
Atenolol	<i>Tenormin</i>	3	B		
Atipamazole		2	B		
Atomoxetine	<i>Strattera</i>	2	A		
Atracurium	<i>Tracrium</i>	2	A		
Atropine		3	B		
Azacylonol	<i>Frenque</i>	2	A		
Azaperone	<i>Stresnil,</i> <i>Suicalm, Fentaz</i> <i>(with Fentanyl)</i>	2	A		
Baclofen	<i>Lioresal</i>	4	B		
Barbital	<i>Veronal</i>	2	A		
Barbiturates		2	A		
Beclomethasone	<i>Propaderm</i>	4	C		
Bemegrade	<i>Megimide,</i> <i>Mikedimide</i>	2	A		
Benazepril	<i>Lotrel, Lotensin</i>	3	A		
Bendroflumethiazide	<i>Naturetin</i>	4	B		
Benoxaprofen		2	B		
Benoxinate	<i>Dorsacaine</i>	4	C		
Benperidol	<i>Anquil</i>	2	A		
Bentazepam	<i>Tiadipona</i>	2	A		
Benzactizine	<i>Deprol,</i> <i>Bronchodiletten</i>	2	A		
Benzocaine		4	B		
Benzoctamine		2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Benzodiazepines		2	A		
Benzonatate	<i>Tessalon, Tessalon Perles, Zonatuss</i>	2	A		
Benzphetamine	<i>Didrex</i>	2	A		
Benzthiazide		4	B		
Benztropine	<i>Cogentin</i>	2	A		
Benzylpiperazine (BZP)		1	A		
Bepridil	<i>Bepadin</i>	4	B		
Betamethasone	<i>Betasone, etc.</i>	4	C		
Betaxolol	<i>Kerlone</i>	3	B		
Bethanechol	<i>Urecholine, Duvoid</i>	4	C		
Bethanidine	<i>Esbatal</i>	3	A		
Biperiden	<i>Akineton</i>	3	A		
Biriperone		2	A		
Bisoprolol	<i>Zebeta, Bisobloc, etc.</i>	3	B		
Bitolterol	<i>Effectin</i>	3	A		
Bolandiol (estr-4-ene-3 $\beta$ , 17 $\beta$ -diol)		3	A	Steroid	AAS lacking FDA approval
Bolasterone		3	A		
Boldenone	<i>Equipoise</i>	3	B		
Boldione		3	A		
Bretylium	<i>Bretylol</i>	3	B		
Brimonidine	<i>Alphagan</i>	2	A		
Bromazepam	<i>Lexotan, Lectopam</i>	2	A		
Bromfenac	<i>Duract</i>	3	A		
Bromhexine	<i>Oletor, etc.</i>	4	B		
Bromisovalum	<i>Diffucord, etc.</i>	2	A		
Bromocriptine	<i>Parlodel</i>	2	A		
Bromodiphenhydramine		3	B		
Bromperidol	<i>Bromidol</i>	2	A		
Brompheniramine	<i>Dimetane, Disomer</i>	3	B		
Brotizolam	<i>Brotocol</i>	2	A		
Budesonide	<i>Pulmacort, Rhinocort</i>	4	C		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Bufexamac		3	A		
Bumetanide	<i>Bumex</i>	3	B		
Bupivacaine	<i>Marcaine</i>	2	A		
Buprenorphine	<i>Temgesic</i>	2	A		
Bupropion	<i>Wellbutrin</i>	2	A		
Buspirone	<i>Buspar</i>	2	A		
Butabarbital (Secbutobarbitone)	<i>Butacaps, Butasol, etc.</i>	2	A		
Butacaine	<i>Butyn</i>	2	A		
Butalbital (Talbutal)	<i>Fiorinal</i>	2	A		
Butamben (butyl aminobenzoate)	<i>Butesin</i>	4	C		
Butanilicaine	<i>Hostacain</i>	2	A		
Butaperazine	<i>Repoise</i>	2	A		
Butoctamide	<i>Listomin</i>	2	A		
Butorphanol	<i>Stadol, Torbugesic</i>	3	B		
Butoxycaine	<i>Stadacain</i>	4	B		
Caffeine		2	B		
Calusterone	<i>Methosorb</i>	3	A		
Camazepam	<i>Paxor</i>	2	A		
Camphor		4	C		
Candesartan	<i>Atcand</i>	3	B		
Cannabidiol (CBD) <sup>1</sup>	Anti-epileptic, analgesic	2	B		
Canrenone		4	C	Metabololite of a C substance - steroidal antimineralocorticoid, active metabolite of spironolactone (a diuretic).	
Capsaicin		2	B		
Captodiame	<i>Covatine</i>	2	A		
Captopril	<i>Capolen</i>	3	B		
Carazolol	<i>Carbacel, Conducton</i>	3	A		
Carbachol	<i>Lentin, Doryl</i>	3	B		
Carbamezapine	<i>Tegretol</i>	3	B		
Carbamylated EPO		1	A	Erythropoietin Link - may be a beneficial tissue-protective cytokine.	Blood doping agent
Carbazochrome		4	B		
Carbidopa + levodopa	<i>Sinemet</i>	2	A		
Carbinoxamine	<i>Clistin</i>	3	B		



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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Carbromol	<i>Mifudorm</i>	2	A		
Cardarine (GW-501516)		2	A	No legit use in the racehorse. Lacks FDA approval	
Carfentanil		1	A		
Carisoprodol	<i>Rela, Soma</i>	2	B		
Carphenazine	<i>Proketazine</i>	2	A		
Carpipramine	<i>Prazinil</i>	2	A		
Carprofen	<i>Rimadyl</i>	4	B		
Carteolol	<i>Cartrol</i>	3	B		
Carticaine (see articaine)	<i>Septocaine; Ultracaine, etc.</i>	2	B		
Carvedilol	<i>Coreg</i>	3	B		
Cathinone	<i>khat, kat, qat, quat, chat, catha, Abyssinian tea, African tea</i>	1	A		
Celecoxib	<i>Celebrex</i>	3	B		
Cetirizine	<i>Zyrtec</i>	4	C		
Chloral betaine	<i>Beta-Chlor</i>	2	A		
Chloral hydrate	<i>Nactec, Oridrate, etc.</i>	2	A		
Chloraldehyde (chloral)		2	A		
Chloralose (Alpha-Chloralose)		2	A		
Chlordiazepoxide	<i>Librium</i>	2	A		
Chlorhexidol		2	A		
Chlormerodrin	<i>Neohydrin</i>	4	B		
Chlormezanone	<i>Trancopal</i>	2	A		
Chloroform		2	A		
Chlorophenesin	<i>Maolate</i>	4	C		
Chloroprocaine	<i>Nesacaine</i>	2	A		
Chloroquine	<i>Avloclor</i>	4	C		
Chlorothiazide	<i>Diuril</i>	4	B		
Chlorpheniramine	<i>Chlortrimeton, etc.</i>	4	B		
Chlorproethazine	<i>Newiplege</i>	2	A		
Chlorpromazine	<i>Thorazine, Largactil</i>	1	A		
Chlorprothixene	<i>Taractan</i>	2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Chlorthalidone	<i>Hydroton</i>	4	B		
Chlorzoxazone	<i>Paraflex</i>	4	B		
Chorionic Gonadotropin (CG)		3	B	Hormone and behavioral effects - a water soluble glycoprotein derived from human pregnancy urine. Used for behavior modification in colts / horses. There should be no restriction/regulation in fillies and mares.	
Ciclesonide		4	C		
Cilostazol	<i>Pletal</i>	4	B		
Cimeterol		3	A		
Cimetidine	<i>Tagamet</i>	5	D		
Cinchocaine	<i>Nupercaine</i>	2	B		
Citalopram	<i>Celex</i>	2	A		
Clanobutin		4	B		
Clemastine	<i>Tavist</i>	3	B		
Clenbuterol	<i>Ventipulmin</i>	3	B	NOTE: "A" penalty for quarter horse races.	
Clibucaine	<i>Batrax</i>	2	A		
Clidinium	<i>Quarezan, Clindex, etc.</i>	3	B		
Clobazam	<i>Urbanyl</i>	2	A		
Clobetasol	<i>Temovate</i>	4	C		
Clocapramine		2	A		
Clocortolone	<i>Cloderm</i>	4	C		
Clofenamide		4	B		
Clomethiazole (Chlormethiazole)		2	A		
Clomiphene		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Estrogen modulator.	Testolactone has B classification
Clomipramine	<i>Anafranil</i>	2	A		
Clonazepam	<i>Klonopin</i>	2	A		
Clonidine	<i>Catapres</i>	3	B		
Clorazepate	<i>Tranxene</i>	2	A		
Clormecaine	<i>Placacid</i>	2	A		
Clostebol		3	A		
Clothiapine	<i>Entermin</i>	2	A		
Clotiazepam	<i>Trecalmo, Rize</i>	2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Cloxazolam	<i>Enadel, Sepazon, Tolestan</i>	2	A		
Clozapine	<i>Clozaril, Leponex</i>	2	A		
CNTO 530		1	A	Erythropoietin Link - a biopharmaceutical consisting of a novel peptide that mimics the actions of erythropoietin, CNTO 530 produced sustained increases in red blood cell parameters.	Blood doping agent
Cobalt (check note)		3	B1	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.	
Cocaine		1	A3	If it is determined by the State Veterinarian/Equine Medical Director; the Stewards, or the Racing Authority that the finding of cocaine or morphine was unintentional and not based upon an attempt to affect the outcome of a race, the Stewards or Racing Authority may elect to assign a Class B penalty to the trainer.	
Codeine		1	A		
Colchicine		4	B		
Conorphone		2	A		
Corticaine	<i>Ultracain</i>	2	A		
Corticotrophind		3	B	Peptide hormone involved in the stress response.	
Cortisone	<i>Cortone, etc.</i>	4	C		
Cromolyn	<i>Intel</i>	5	D		
Crotetamide		2	A		
Cyamemazine	<i>Tercian</i>	2	A		
Cyclandelate	<i>Cyclospasmol</i>	3	A		
Cyclizine	<i>Merazine</i>	3	B		
Cyclobarbital	<i>Phanodorm</i>	2	A		
Cyclobenzaprine	<i>Flexeril</i>	4	B		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Cyclofenil		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - selective estrogen receptor modulator (SERM).	Testolactone has B classification
Cyclomethycaine	<i>Surfacaine</i>	4	C		
Cyclothiazide	<i>Anhydron, Renazide</i>	4	B		
Cycrimine	<i>Pagitane</i>	3	B		
Cyproheptadine	<i>Periactin</i>	3	B		
Danazol	<i>Danocrine</i>	3	B		
Dantrolene	<i>Dantrium</i>	4	C		
Darbepoetin	<i>Aranesp</i>	1	A		
Darbepoetin (depo)		1	A	Erythropoietin Link - Bone marrow stimulant (Erythropoiesis-stimulating agents are medications which stimulates the bone marrow to make red blood cells).	Blood doping agent
Decamethonium	<i>Syncurine</i>	2	A		
Dehydrochloromethyltestosterone		3	A		
Dembroxol (Dembrexine)	<i>Sputolysin</i>	4	C		
Demoxepam		2	A		
Deoxycorticosterone	<i>Percortin, DOCA, Descotone, Dorcostrin</i>	4	C		
Deracoxib	<i>Deremaxx</i>	3	B		
Dermorphin		1	A		
Desipramine	<i>Norpromine, Pertofrane</i>	2	A		
Desonide	<i>Des Owen</i>	4	C		
Desoximetasone	<i>Topicort</i>	4	C		
Desoxymethyltestosterone		3	A		
Detomidine	<i>Dormosedan</i>	3	B		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Dexamethasone	<i>Azium, etc.</i>	4	C		
Dextromethorphan		4	B		
Dextromoramide	<i>Palfium, Narcolo</i>	1	A		
Dextropropoxyphene	<i>Darvon</i>	3	B		
Dezocine	<i>Dalgan</i>	2	A		
Diamorphine		1	A		
Diazepam	<i>Valium</i>	3	B		
Diazoxide	<i>Proglycem</i>	3	B		
Dibucaine	<i>Nupercainal, Cinchocaine</i>	2	B		
Dichloralphenazone	<i>Febenol, Isocom</i>	2	A		
Dichlorphenamide	<i>Daramide</i>	4	C		
Diclofenac	<i>Voltaren, Voltarol</i>	4	C		
Dicumarol	<i>Dicumarol</i>	5	D		
Diethylpropion	<i>Tepanil, etc.</i>	2	A		
Diethylthiambutene	<i>Themalon</i>	2	A		
Diflorasone	<i>Florone, Maxiflor</i>	4	C		
Diflucortolone	<i>Flu-Cortinest, etc.</i>	4	C		
Diflunisal		3	B		
Digitoxin	<i>Crystodigin</i>	4	B		
Digoxin	<i>Lanoxin</i>	4	B		
Dihydrocodeine	<i>Parcodin</i>	2	A		
Dihydroergotamine		4	B		
Dihydrotestosterone (17 $\beta$ -hydroxy-5 $\alpha$ -androstan-3-one)		3	B	Steroid - endogenous androgen sex steroid and hormone.	Endogenous AAS
Dilorazepam	<i>Briantum</i>	2	A		
Diltiazem	<i>Cardizem</i>	4	B		
Dimeflin		3	A		
Dimethisoquin	<i>Quotane</i>	4	B		
Dimethylsulfoxide (DMSO)	<i>Domoso</i>	4	C		
Diphenadione		5	C		
Diphenhydramine	<i>Benadryl</i>	3	B		
Diphenoxylate	<i>Difenoxin, Lomotil</i>	4	B		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Diprenorphine	<i>M50/50</i>	2	A		
Dipyridamole	<i>Persantine</i>	3	B		
Dipyron	<i>Novin, Methampyrone</i>	4	B		
Disopyramide	<i>Norpace</i>	4	B		
Divalproex	<i>Depakote</i>	3	A		
Dixyrazine	<i>Esucos</i>	2	A		
Dobutamine	<i>Dobutrex</i>	3	B		
Donepezil	<i>Aricept</i>	1	A		
Dopamine	<i>Intropin</i>	2	A		
Doxacurium	<i>Nuromax</i>	2	A		
Doxapram	<i>Dopram</i>	2	A		
Doxazosin		3	A		
Doxefazepam	<i>Doxans</i>	2	A		
Doxepin	<i>Adapin, Sinequan</i>	2	A		
Doxylamine	<i>Decapryn</i>	3	B		
Dromostanolone	<i>Drolban</i>	3	B		
Droperidol	<i>Inapsine, Droleptan, Innovar-Vet (with Fentanyl)</i>	2	A		
Drostanolone		3	A	Steroid	AAS lacking FDA approval
Duloxetine		2	A		
Dyclonine	<i>Dyclone</i>	4	C		
Dyphylline		3	B		
Edrophonium	<i>Tensilon</i>	3	B		
Eletripan	<i>Relpax</i>	3	A		
Eltenac		4	B		
Enalapril (metabolite enalaprilat)	<i>Vasotec</i>	3	A		
Enciprazine		2	A		
Endorphins		1	A		
Enkephalins		1	A		
Ephedrine		2	A		
Epi-dihydrotestosterone		3	B	Testosterone Link - androgenic metabolite of testosterone.	Metabolite of a B substance
Epibatidine		2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Epinephrine		2	A		
Epitestosterone		3	B	Testosterone Link - endogenous steroid and an epimer of the androgen sex hormone testosterone.	Endogenous, stereoisomer of a B substance.
EPO-Fc		1	A	Erythropoietin Link - fusion protein in human blood.	Blood doping agent
EPO-mimetic peptides (EMP):		1	A		
Ergoloid mesylates (dihydroergocornine mesylate, dihydroergocristine mesylate, and dihydroergocryptine mesylate)		2	A		
Ergonovine	<i>Ergorate</i>	4	C		
Ergotamine	<i>Gynergen, Cafergot, etc.</i>	4	B		
Erthryl tetranitrate	<i>Cardilate</i>	3	A		
Erythropoietin (EPO)	<i>Epogen, Procrit, etc.</i>	1	A		
Esmolol	<i>Brevibloc</i>	3	B		
Esomeprazole	<i>Nexium</i>	5	D		
Estazolam	<i>Domnamid, Eurodin, Nuctalon</i>	2	A		
Eszopiclone		2	A		
Etacrynic acid		3	C		
Etamiphylline		3	B		
Etanercept	<i>Enbrel</i>	4	B		
Ethacrynic acid	<i>Edecrin</i>	3	B		
Ethamivan		2	A		
Ethanol		2	A		
Ethchlorvynol	<i>Placidyl</i>	2	A		
Ethinamate	<i>Valmid</i>	2	A		
Ethoheptazine	<i>Zactane</i>	2	A		
Ethopropazine	<i>Parsidol</i>	2	A		
Ethosuximide	<i>Zarontin</i>	3	A		

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Ethotoin	<i>Peganone</i>	4	B		
Ethoxzolamide	<i>Cardrase, Ethamide</i>	4	C		
Ethylaminobenzoate (Benzocaine)	<i>Semets, etc.</i>	4	C		
Ethylestrenol	<i>Maxibolin, Organon</i>	3	B		
Ethylisobutrazine	<i>Diquel</i>	2	A		
Ethylmorphine	<i>Dionin</i>	1	A		
Ethylnorepinephrine	<i>Bronkephrine</i>	3	A		
Ethylphenidate		1	A		
Etidocaine	<i>Duranest</i>	2	A		
Etifoxin	<i>Stresam</i>	2	A		
Etiocholanolone		3	B	Testosterone Link - etiocholane steroid as well as an endogenous 17- ketosteroid that is produced from the metabolism of testosterone.	Metabolite of a B substance
Etizolam	<i>Depas, Pasaden</i>	2	A		
Etodolac	<i>Lodine</i>	3	B		
Etodroxizine	<i>Indunox</i>	2	A		
Etomidate		2	A		
Etorphine HCl	<i>M99</i>	1	A		
Exemestane	Aromatase inhibitors	3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Aromatase inhibitors.	Testolactone has B classification
Famotidine	<i>Gaster, etc.</i>	5	D		
Felbamate	<i>Felbatol</i>	3	B		
Felodipine	<i>Plendil</i>	4	B		
Fenarbamate	<i>Tymium</i>	2	A		
Fenbufen	<i>Cincopal</i>	3	B		
Fenclozic acid	<i>Myalex</i>	2	B		
Fenfluramine	<i>Pondimin</i>	2	A		
Fenoldopam	<i>Corlopam</i>	3	B		
Fenoprofen	<i>Nalfon</i>	3	B		
Fenoterol	<i>Berotec</i>	3	B		



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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Fenspiride	<i>Respiride, Respan, etc</i>	3	B		
Fentanyl	<i>Sublimaze</i>	1	A		
Fentiazac		3	B		
Fexofenadine	<i>Allegra</i>	4	C		
Fibroblast Growth Factors (fgfs), Hepatocyte Growth Factor (HGF), Insulin-like Growth Factor-1 (IGF-1) and its analogues, Mechano Growth Factors (mgfs), Platelet-Derived Growth Factor (PDGF), Vascular-Endothelial Growth Factor (VEGF) and any other growth factor affecting muscle, tendon or ligament protein synthesis/ degradation, vascularization, energy utilization, regenerative capacity or fiber type switching.		3	A	Cardiac, Muscle effects - a family of peptide cytokines that are important in the regulation of many tissues.	Lack FDA approval; no legitimate use in race horse.
Firocoxib		4	C		
Flecainide	<i>Idalon</i>	4	B		
Floctafenine	<i>Idalon, Idarac</i>	4	B		
Fluanisone	<i>Sedalande</i>	2	A		
Fludiazepam	<i>Erispam</i>	2	A		
Fludrocortisone	<i>Alforone, etc.</i>	4	C		
Flufenamic acid		3	B		
Flumethasone	<i>Flucort, etc.</i>	4	C		
Flumethiazide	<i>Ademol</i>	4	B		
Flunarizine	<i>Sibelium</i>	4	B		
Flunisolide	<i>Bronilide, etc.</i>	4	C		
Flunitrazepam	<i>Rohypnol, Narcozep, Darkene, Hypnodorm</i>	2	A		
Flunixin	<i>Banamine</i>	4	C*		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Fluocinolone	<i>Synalar</i>	4	C		
Fluocinonide	<i>Licon, Lidex</i>	4	C		
Flupromazine	<i>Psyquil, Siquil</i>	2	A		
Fluoresone	<i>Caducid</i>	2	A		
Fluorometholone	<i>FML</i>	4	C		
Fluoroprednisolone		4	B		
Fluoxetine	<i>Prozac</i>	2	A		
Fluoxymesterone	<i>Halotestin</i>	3	B		
Flupenthixol	<i>Depixol, Fluanxol</i>	2	A		
Fluphenazine	<i>Prolixin, Permitil, Anatensol, etc.</i>	2	B		
Flupirtine	<i>Katadolone</i>	3	A		
Fluprednisolone	<i>Alphadrol</i>	4	C		
Flurandrenolide	<i>Cordran</i>	4	C		
Flurazepam	<i>Dalmane</i>	2	A		
Flurbiprofen	<i>Froben</i>	3	B		
Fluspirilene	<i>Imap, Redeptin</i>	2	A		
Fluticasone	<i>Flixonase, Flutide</i>	4	C		
Flutoprazepam	<i>Restas</i>	2	A		
Fluvoxamine	<i>Dumirox, Faverin, etc.</i>	2	A		
Formebolone		3	A		
Formestane	Aromatase inhibitors	3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Aromatase inhibitors.	Testolactone has B classification
Formoterol	<i>Altram</i>	3	B		
Fosinopril	<i>Monopril</i>	3	A		
Fosphenytoin	<i>Cerebyx</i>	3	B		
Fulvestrant		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Estrogen receptor antagonist antineoplastic agent.	Testolactone has B classification

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Furazabol		3	A		
Furosemide	<i>Lasix</i>	N/A			
Gabapentin	<i>Neurontin</i>	3	B		
Galantamine	<i>Reminyl</i>	2	A		
Gallamine	<i>Flaxedil</i>	2	A		
Gamma Aminobutyric Acid (GABA)	<i>Carolina Gold</i>	3	B		
Gepirone		2	A		
Gestrinone		3	A		
GH-Releasing Peptides (ghrps), e.g., alexamorelin, GHRP-6, hexarelin and pralmorelin (GHRP-2)		3	A	Anabolic Effects - a synthetic GH secretagogue.	Anabolic agent lacking FDA approval
Glutethimide	<i>Doriden</i>	2	A		
Glycopyrrolate	<i>Robinul</i>	4	C		
Growth Hormone Releasing Hormone (GHRH) and its analogues, e.g., CJC- 1295, sermorelin and tesamorelin		3	A	Anabolic Effects - peptide analogue of growth hormone-releasing hormone which is used as a diagnostic agent to assess growth hormone secretion for the purpose of diagnosing growth hormone deficiency.	Anabolic agent lacking FDA approval
Growth Hormone Secretagogues (GHS), e.g., ghrelin and ghrelin mimetics, e.g., anamorelin and ipamorelin		3	A	Anabolic Effects - hunger hormone, appetite-enhancing and anabolic effects.	Anabolic agent lacking FDA approval
Guaiifenesin (glycerol guaiacolate)	<i>Gecolate</i>	4	C		
Guanabenz	<i>Wytensin</i>	3	B		
Guanadrel	<i>Hylorel</i>	3	A		
Guanethidine	<i>Ismelin</i>	3	A		
Halazepam	<i>Paxipam</i>	2	A		
Halcinonide	<i>Halog</i>	4	C		
Halobetasol	<i>Ultravate</i>	4	C		
Haloperidol	<i>Haldol</i>	2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Haloxazolam	<i>Somelin</i>	2	A		
Hemoglobin glutamers	<i>Oxyglobin</i> <i>Hemopure</i>	2	A		
Heptaminol	<i>Corofundol</i>	3	B		
Heroin		1	A		
Hexafluorenum	<i>Myalexen</i>	2	A		
Hexobarbital	<i>Evipal</i>	2	A		
Hexocyclium	<i>Tral</i>	4	B		
Hexylcaine	<i>Cyclaine</i>	2	B		
HIF activators (e.g. Argon, xenon)		3	A	Cardiovascular Effects - a key mediator of oxygen homeostasis that was first identified as a transcription factor that is induced and activated by decreased oxygen tension.	Blood doping agent
Homatropine	<i>Homapin</i>	3	B		
Homophenazine	<i>Pelvichthol</i>	2	A		
Hydralazine	<i>Apresoline</i>	3	B		
Hydrochlorothiazide	<i>Hydrodiuril</i>	4	B		
Hydrocodone (dihydrocodienone)	<i>Hycodan</i>	1	A		
Hydrocortisone (Cortisol)	<i>Cortef, etc.</i>	4	C		
Hydroflumethiazide	<i>Saluron</i>	4	B		
Hydromorphone	<i>Dilaudid</i>	1	A		
Hydroxyamphetamine	<i>Paradrine</i>	1	A		
Hydroxyzine	<i>Atarax</i>	2	B		
Ibomal	<i>Noctal</i>	2	A		
Ibuprofen	<i>Motrin, Advil, Nurpin, etc.</i>	4	C		
Ibutilide	<i>Corvert</i>	3	B		
Iloprost	<i>Ventavis</i>	3	A		
Imipramine	<i>Imavate, Presamine, Tofranil</i>	2	A		
Indapamide	Diuretic	3	C		
Indomethacin	<i>Indocin</i>	3	B		
Infliximab	<i>Remicade</i>	4	B		

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Insulins		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - protein hormone that is used as a medication to treat high blood sugar.	
Ipratropium		3	B		
Irbesarten	<i>Avapro</i>	3	A		
Isapirone		2	A		
Isocarboxazid	<i>Marplan</i>	2	A		
Isoetharine	<i>Bronkosol</i>	3	B		
Isoflupredone	<i>Predef 2x</i>	4	C		
Isomethadone		2	A		
Isometheptene	<i>Octin, Octon</i>	4	B		
Isopropamide	<i>Darbid</i>	4	B		
Isoproterenol	<i>Isoprel</i>	2	A		
Isosorbide dinitrate	<i>Isordil</i>	3	B		
Isoxicam	<i>Maxicam</i>	2	B		
Isoxsuprine	<i>Vasodilan</i>	4	D		
Isradipine	<i>DynaCirc</i>	4	B		
Kebuzone		3	B		
Ketamine	<i>Ketalar, Ketaset, Vetalar</i>	2	B		
Ketazolam	<i>Anxon, Laftram, Solatran, Loftran</i>	2	A		
Ketoprofen	<i>Orudis</i>	4	C*		
Ketorolac	<i>Toradol</i>	3	A		
Labetalol	<i>Normodyne</i>	3	B		
Lamotrigine	<i>Lamictal</i>	3	A		
Lansoprazole		5	D		
Lenperone	<i>Elanone-V</i>	2	A		
Letosteine	<i>Viscotiol, Visiotal</i>	4	B		
Letrozole		3	A		
Levamisole		2	B		
Levobunolol	<i>Betagan</i>	3	B		
Levomethorphan		2	A		
Levorphanol	<i>Levo-Dremoran</i>	1	A		
Lidocaine	<i>Xylocaine</i>	2	B		
Lisinopril	<i>Prinivil, Zestril</i>	3	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Lithium	<i>Lithizine, Duralith, etc.</i>	2	A		
Lobeline		2	A		
Lofentanil		1	A		
Loflazepate, Ethyl	<i>Victan</i>	2	A		
Loperamide	<i>Imodium</i>	3	B		
Loprazolam	<i>Dormonort, Havlane</i>	2	A		
Loratidine	<i>Claritin</i>	4	C		
Lorazepam	<i>Ativan</i>	2	A		
Lormetazepam	<i>Noctamid</i>	2	A		
Losartan	<i>Hyzaar</i>	3	B		
Loxapine	<i>Laxitane</i>	2	A		
Luteinizing Hormone (LH)		3	B	Hormone and behavioral effects - a hormone produced by gonadotropic cells in the anterior pituitary gland. In females, an acute rise of LH triggers ovulation and development of the corpus luteum. Used for behavior modification in colts / horses. There should be no restriction/ regulation in fillies and mares.	
Mabuterol		3	A		
Maprotiline	<i>Ludiomil</i>	2	A		
Mazindol	<i>Sanorex</i>	1	A		
Mebutamate	<i>Axiten, Dormate, Capla</i>	2	A		
Mecamylamine	<i>Inversine</i>	3	B		
Meclizine	<i>Antivert, Bonine</i>	3	B		
Meclofenamic acid	<i>Arquel</i>	4	C		
Meclofenoxate	<i>Lucidril, etc.</i>	2	A		
Medazepam	<i>Nobrium, etc.</i>	2	A		
Medetomidine	<i>Domitor</i>	3	B		
Medrysone	<i>Medriusar, etc.</i>	4	C		
Mefenamic acid	<i>Ponstel</i>	3	B		
Meldonium	<i>Mildronate, et al</i>	1	A		
Meloxicam	<i>Mobic</i>	4	B		
Melperone	<i>Eunerpan</i>	2	A		
Memantine	<i>Namenda</i>	2	A		
Meparfynol	<i>Oblivon</i>	2	A		
Mepazine	<i>Pacatal</i>	2	A		
Mepenzolate	<i>Cantil</i>	3	B		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Meperidine	<i>Demerol</i>	1	A		
Mephenesin	<i>Tolserol</i>	4	B		
Mephenoqualone	<i>Control, etc.</i>	2	A		
Mephentermine	<i>Wyamine</i>	1	A		
Mephénytoin	<i>Mesantoin</i>	2	A		
Mephobarbital (Methylphenobarbital)	<i>Mebaral</i>	2	A		
Mepivacaine	<i>Carbocaine</i>	2	B		
Meproamate	<i>Equanil, Miltown</i>	2	A		
Meralluride	<i>Mercuryhydrin</i>	4	B		
Merbaphen	<i>Novasural</i>	4	B		
Mercaptomerin	<i>Thiomerin</i>	4	B		
Mercumatinin	<i>Cumertilin</i>	4	B		
Mersalyl	<i>Salyrgan</i>	4	B		
Mesalamine	<i>Asacol</i>	5	C		
Mesoridazine	<i>Serentil</i>	2	A		
Mestanolone		3	A		
Mesterolone		3	A		
Metaclazepam	<i>Talis</i>	2	A		
Metandienone		3	A	Steroid	AAS lacking FDA approval
Metaproterenol	<i>Alupent, Metaprel</i>	3	B		
Metaraminol	<i>Aramine</i>	1	A		
Metaxalone	<i>Skelaxin</i>	4	B		
Metazocine		2	A		
Metenolone		3	A	Steroid	AAS lacking FDA approval
Metformin		2	B		
Methacholine		3	A		
Methadone	<i>Dolophine</i>	1	A		
Methamphetamine	<i>Desoxyn</i>	1	A4	Recommended Penalty B if testing can prove presence of only levo-methamphetamine is present in sample.	
Methandriol (Methylandrostenediol)	<i>Probolin</i>	3	A		
Methandrostenolone	<i>Dianobal</i>	3	A		
Methantheline	<i>Banthine</i>	3	B		
Methapyrilene	<i>Histadyl, etc.</i>	3	B		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Methaqualone	<i>Quaalude</i>	1	A		
Metharbital	<i>Gemonil</i>	2	A		
Methasterone		3	A		
Methazolamide	<i>Naptazane</i>	4	C		
Methcathinone		1	A		
Methdilazine	<i>Tacaryl</i>	3	B		
Methenolone	<i>Primobolan</i>	3	A		
Methixene	<i>Trest</i>	3	A		
Methocarbamol	<i>Robaxin</i>	4	C		
Methohexital	<i>Brevital</i>	2	A		
Methotrexate	<i>Folex, Nexate, etc.</i>	4	B		
Methotrimeprazine	<i>Levoprome, Neurocil, etc.</i>	2	A		
Methoxamine	<i>Vasoxyl</i>	3	A		
Methoxyphenamine	<i>Orthoxide</i>	3	A		
Methoxypolyethylene glycol-epoetin beta (CERA)		1	A	Erythropoietin Link - an erythropoiesis-stimulating agent (ESA) indicated for the treatment of anemia associated with chronic kidney disease (CKD in adult patients on dialysis and patients not on dialysis.	Blood doping agent
Methscopolamine	<i>Pamine</i>	4	B		
Methsuximide	<i>Celontin</i>	4	B		
Methylclothiazide	<i>Enduron</i>	4	B		
Methyl-1-testosterone		3	A		
Methylatropine		3	B		
Methyldienolone		3	A		
Methyldopa	<i>Aldomet</i>	3	A		
Methylergonovine	<i>Methergine</i>	4	C		
Methylhexanamine (Methylhexaneamine)	<i>Geranamine</i>	1	A		
Methylnortestosterone (Trestolone)		3	A		
Methylphenidate	<i>Ritalin</i>	1	A		
Methylprednisolone	<i>Medrol</i>	4	C		



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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Methyltestosterone	<i>Metandren</i>	3	B		
Methypylon	<i>Noludar</i>	2	A		
Methysergide	<i>Sansert</i>	4	B		
Metiamide		4	B		
Metoclopramide	<i>Reglan</i>	4	C		
Metocurine	<i>Metubine</i>	2	A		
Metolazone		3	B		
Metomidate	<i>Hypnodil</i>	2	A		
Metopon (methyldihydromorphinone)		1	A		
Metoprolol	<i>Lopressor</i>	3	B		
Metribolone		3	A	Steroid	AAS lacking FDA approval
Mexazolam	<i>Melex</i>	2	A		
Mexiletine	<i>Mexitil</i>	4	B		
Mibefradil	<i>Posicor</i>	3	B		
Mibolerone		3	B		
Midazolam	<i>Versed</i>	3	B		
Midodrine	<i>Pro-Amiline</i>	3	B		
Milrinone		4	B		
Minoxidil	<i>Loniten</i>	3	B		
Mirtazepine	<i>Remeron</i>	2	A		
Misoprostol	<i>Cytotec</i>	5	D		
Mitragynine	<i>Kratom</i>	1	A		
Mivacurium	<i>Mivacron</i>	2	A		
Modafinil	<i>Provigil</i>	2	A		
Moexipril (metabolite, moexiprilat)	<i>Uniretic</i>	3	B		
Molindone	<i>Moban</i>	2	A		
Mometasone	<i>Elocon</i>	4	C		
Montelukast	<i>Singulair</i>	4	C		
Moperone	<i>Luvatren</i>	2	A		
Morphine		1	A6	If it is determined by the State Veterinarian/Equine Medical Director; the Stewards, or the Racing Authority that the finding of cocaine or morphine was unintentional and not based upon an attempt to affect the outcome of a race, the Stewards or Racing Authority may elect to assign a Class B penalty to the trainer.	

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Mosaprimine		2	A		
Muscarine		3	A		
myo-inositol trispyrophosphate (ITPP)		1	A		
N-Butylscopolamine		4	C		
Nabumetone	<i>Anthraxan, Relafen, Reliflex</i>	3	A		
Nadolol	<i>Corgard</i>	3	B		
Naepaine	<i>Amylsine</i>	2	A		
Nalbuphine	<i>Nubain</i>	2	A		
Nalorphine	<i>Nalline, Lethidrone</i>	2	A		
Naloxone	<i>Narcan</i>	3	B		
Naltrexone	<i>Revia</i>	3	B		
Nandrolone	<i>Nandrolin, Laurabolin, Durabolin</i>	3	B		
Naphazoline	<i>Privine</i>	4	B		
Naproxen	<i>Equiproxen, Naprosyn</i>	4	C		
Naratriptan	<i>Amerge</i>	3	B		
Nebivolol		3	A		
Nedocromil	<i>Tilade</i>	5	D		
Nefazodone	<i>Serzone</i>	2	A		
Nefopam		3	A		
Neostigmine	<i>Prostigmine</i>	3	B		
Nicardipine	<i>Cardine</i>	4	B		
Nifedipine	<i>Procardia</i>	4	B		
Niflumic acid	<i>Nifluril</i>	3	B		
Nikethamide	<i>Coramine</i>	1	A		
Nimesulide		3	B		
Nimetazepam	<i>Erimin</i>	2	A		
Nimodipine	<i>Nemotop</i>	4	B		
Nitrazepam	<i>Mogadon</i>	2	A		
Nitroglycerin		2	B		
Nizatidine	<i>Axid</i>	5	D		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Norandrosterone		3	B	Nandrolene Link - a detectable metabolite of nandrolone, an anabolic-androgenic steroid.	Metabolite of a B substance
Norbolethone/Norboletone		3	A		
Norclostebol		3	A		
Nordiazepam	<i>Calmday, Nordaz, etc.</i>	2	A		
Norepinephrine		2	A		
Norethandrolone		3	A		
Nortestosterone		3	B		
Nortriptyline	<i>Aventyl, Pamelor</i>	2	A		
Nylidrine	<i>Arlidin</i>	3	A		
Olanzapine	<i>Zyprexa</i>	2	A		
Olmesartan	<i>Benicar</i>	3	A		
Olsalazine	<i>Dipentum</i>	5	C		
Omeprazole	<i>Prilosec, Losec</i>	5	D		
Orphenadrine	<i>Norlfex</i>	4	B		
Oxabolone		3	A		
Oxandrolone	<i>Anavar</i>	3	B		
Oxaprozin	<i>Daypro, Deflam</i>	4	B		
Oxazepam	<i>Serax</i>	2	A		
Oxazolam	<i>Serenal</i>	2	A		
Oxcarbazepine	<i>Trileptal</i>	3	A		
Oxilofrine (hydroxyephedrine)		2	A		
Oxprenolol	<i>Trasicor</i>	3	A		
Oxycodone	<i>Percodan</i>	1	A		
Oxymesterone		3	A		
Oxymetazoline	<i>Afrin</i>	4	B		
Oxymetholone	<i>Adroyd, Anadrol</i>	3	B		
Oxymorphone	<i>Numorphan</i>	1	A		
Oxyperitine	<i>Forit, Integrin</i>	2	A		
Oxyphenbutazone	<i>Tandearil</i>	4	C		
Oxyphencyclimine	<i>Daricon</i>	4	B		
Oxyphenonium	<i>Antrenyl</i>	4	B		
Paliperidone		2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Pancuronium	<i>Pavulon</i>	2	A		
Pantoprazole	<i>Protonix</i>	5	D		
Papaverine	<i>Pavagen, etc.</i>	3	A		
Paraldehyde	<i>Paral</i>	2	A		
Paramethadione	<i>Paradione</i>	3	A		
Paramethasone	<i>Haldrone</i>	4	C		
Pargyline	<i>Eutonyl</i>	3	A		
Paroxetine	<i>Paxil, Seroxat</i>	2	A		
Peginesatide		1	A	Erythropoietin Link - an erythropoiesis-stimulating agent (ESA) indicated for the treatment of anemia due to chronic kidney disease (CKD) in adult patients on dialysis.	Blood doping agent
Pemoline	<i>Cylert</i>	1	A		
Penbutolol	<i>Levadol</i>	3	B		
Penfluridol	<i>Cyperon</i>	2	A		
Pentaerythritol tetranitrate	<i>Duotrate</i>	3	A		
Pentazocine	<i>Talwin</i>	3	B		
Pentobarbital	<i>Nembutal</i>	2	A		
Pentoxifylline	<i>Trental, Vazofirin</i>	4	D		
Pentylentetrazol	<i>Metrazol, Nioric</i>	1	A		
Perazine	<i>Taxilan</i>	2	A		
Perfluorocarbons		2	A		
Perfluorodecahydronophthalene		2	A		
Perfluorodecolin		2	A		
Perfluorooctylbromide		2	A		
Perfluorotripropylamine		2	A		
Pergolide	<i>Permax</i>	3	B		
Periciazine	<i>Alodept, etc.</i>	2	A		
Perindopril	<i>Biprel</i>	3	A		
Perlapine	<i>Hypnodin</i>	2	A		
Perphenazine	<i>Trilafon</i>	2	A		
Phenacemide	<i>Phenurone</i>	4	B		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Phenaglycodol	<i>Acalo, Alcamid, etc.</i>	2	A		
Phenazocine	<i>Narphen</i>	1	A		
Phencyclidine (PCP)	<i>Sernylan</i>	1	A		
Phendimetrazine	<i>Bontril, etc.</i>	1	A		
Phenelzine	<i>Nardelzine, Nardil</i>	2	A		
Phenindione	<i>Hedulin</i>	5	D		
Phenmetrazine	<i>Preludin</i>	1	A		
Phenobarbital	<i>Luminal</i>	2	A		
Phenoxybenzamine	<i>Dibenzyline</i>	3	B		
Phenprocoumon	<i>Liquamar</i>	5	D		
Phensuximide	<i>Milontin</i>	4	B		
Phentermine	<i>Iomamin</i>	2	A		
Phentolamine	<i>Regitine</i>	3	B		
Phenylbutazone	<i>Butazolidin</i>	4	C*		
Phenylephrine	<i>Isophrin, Neo-Synephrine</i>	3	B		
Phenylpropanolamine	<i>Propadrine</i>	3	B		
Phenytoin	<i>Dilantin</i>	4	B		
Physostigmine	<i>Eserine</i>	3	A		
Picrotoxin		1	A		
Piminodine	<i>Alvodine, Cimadon</i>	2	A		
Pimobendan		2	B		
Pimozide	<i>Orap</i>	2	A		
Pinazepam	<i>Domar</i>	2	A		
Pindolol	<i>Viskin</i>	3	B		
Pipamperone	<i>Dipiperon</i>	2	A		
Pipecuronium	<i>Arduan</i>	2	A		
Pipequaline		2	A		
Piperacetazine	<i>Psymod, Quide</i>	2	A		
Piperocaine	<i>Metycaine</i>	2	A		
Pipotiazine	<i>Lonseren, Piportil</i>	2	A		
Pipradrol	<i>Dataril, Gerondyl, etc.</i>	2	A		
Piquindone		2	A		
Pirbuterol	<i>Maxair</i>	3	B		

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Pirenzepine	<i>Gastrozepin</i>	5	C		
Piretanide	<i>Arelix, Tauliz</i>	3	B		
Piritramide		1	A		
Piroxicam	<i>Feldene</i>	4	B		
Plasma expanders (e.g. Bycerol; intravenous administration of albumin, dextran, hydroxyethyl starch and mannitol)		3	A	No legit use in the racehorse. Lacks FDA approval.	
Polyethylene glycol		5	D		
Polythiazide	<i>Renese</i>	4	B		
Pramoxine	<i>Tronothaine</i>	4	C		
Prasterone (dehydroepiandrosterone, DHEA, 3β-hydroxyandrost-5-en-17-one)		3	B	Steroid - inactive endogenous steroid.	Endogenous AAS
Prazepam	<i>Verstran, Centrax</i>	2	A		
Prazosin	<i>Minipress</i>	3	B		
Prednisolone	<i>Delta-Cortef, etc.</i>	4	C		
Prednisone	<i>Meticorten, etc.</i>	4	C		
Prilocaine	<i>Citanest</i>	2	B		
Primidone	<i>Mysoline</i>	3	B		
Probenecid		4	C		
Procainamide	<i>Pronestyl</i>	4	B		
Procaine		3	B		
Procaterol	<i>Pro Air</i>	3	A		
Prochlorperazine	<i>Darbazine, Compazine</i>	2	A		
Procyclidine	<i>Kemadrin</i>	3	B		
Promazine	<i>Sparine</i>	3	B		
Promethazine	<i>Phenergan</i>	3	B		
Propafenone	<i>Rythmol</i>	4	B		
Propanidid		2	A		
Propantheline	<i>Pro-Banthine</i>	3	B		
Proparacaine	<i>Ophthaine</i>	4	C		
Propentophylline	<i>Karsivan</i>	3	B		

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Propiomazine	<i>Largon</i>	2	A		
Propionylpromazine	<i>Tranvet</i>	2	A		
Propiram		2	A		
Propofol	<i>Diprivan, Disoprivan</i>	2	A		
Propoxycaine	<i>Ravocaine</i>	2	A		
Propranolol	<i>Inderal</i>	3	B		
Propylhexedrine	<i>Benzedrex</i>	4	B		
Prostanazol		3	A		
Prothipendyl	<i>Dominal</i>	2	A		
Protokylol	<i>Ventaire</i>	3	A		
Protriptyline	<i>Concordin, Triptil</i>	2	A		
Proxibarbital	<i>Axeen, Centralgol</i>	2	A		
Pseudoephedrine	<i>Cenafed, Novafed</i>	3	B		
Pyridostigmine	<i>Mestinon, Regonol</i>	3	B		
Pyrilamine	<i>Neoantergan, Equihist</i>	3	B		
Pyrithyldione	<i>Hybersulfan, Sonodor</i>	2	A		
Quazipam	<i>Doral</i>	2	A		
Quetiapine	<i>Seroquel</i>	2	A		
Quinapril, Quinaprilat	<i>Accupril</i>	3	A		
Quinbolone		3	A		
Quinidine	<i>Quinidex, Quinocardine</i>	4	B		
Rabeprazole	<i>Aciphex</i>	5	D		
Racemethorphan		2	A		
Racemorphan		2	A		
Raclopride		2	A		
Ractopamine	<i>Paylean</i>	2	A		
Raloxifene		3	B	Estrogen effects, same classification as Testolactone on Human Olympic Guidelines - selective estrogen receptor modulators-SERMs.	Testolactone has B classification

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Ramipril, metabolite Ramiprilat	<i>Altace</i>	3	A		
Ranitidine	<i>Zantac</i>	5	D		
Remifentanyl	<i>Ultiva</i>	1	A		
Remoxipride	<i>Roxiam</i>	2	A		
Reserpine	<i>Serpasil</i>	2	B		
Rilmazafone		2	A		
Risperidone		2	A		
Ritanserlin		2	A		
Ritodrine	<i>Yutopar</i>	3	B		
Rivastigmine	<i>Exelon</i>	2	A		
Rizatriptan	<i>Maxalt</i>	3	B		
Rocuronium	<i>Zemuron</i>	2	A		
Rofecoxib	<i>Vioxx</i>	2	B		
Romifidine	<i>Sedivet</i>	3	B		
Ropivacaine	<i>Naropin</i>	2	A		
Roxadustat (FG-4592)		1	A	Erythropoietin Link - HIF prolyl-hydroxylase inhibitor and thereby increases endogenous production of erythropoietin, which stimulates production of hemoglobin and red blood cells.	Blood doping agent
Salicylamide		4	C		
Salicylate		4	C		
Salmeterol		3	B		
Scopolamine (Hyoscine)	<i>Triptone</i>	4	C		
Secobarbital (Quinalbarbitone)	<i>Seconal</i>	2	A		
Selegiline	<i>Eldepryl, Jumex, etc.</i>	2	A		
Sertraline	<i>Lustral, Zoloft</i>	2	A		
Sibutramine	<i>Meridia</i>	3	B		
Sildenafil	<i>Viagra</i>	3	A		
Snake Venoms		1	A		
Somatrem	<i>Protropin</i>	2	A		
Somatropin	<i>Nutropin</i>	2	A		



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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Sotalol	<i>Betapace, Sotacor</i>	3	B		
Spiclomazine		2	A		
Spiperone		2	A		
Spirapril, metabolite Spiraprilat	<i>Renomax</i>	3	A		
Spironalactone	<i>Aldactone</i>	4	B		
Spironolactone	Diuretic	3	C		
Stanozolol	<i>Winstrol-V</i>	3	B		
Stenbolone		3	A		
Strychnine		1	A		
Succinylcholine	<i>Sucostrin, Quelin, etc.</i>	2	A		
Sufentanil	<i>Sufenta</i>	1	A		
Sulfasalazine	<i>Azulfidine, Azaline</i>	4	C		
Sulfondiethylmethane		2	A		
Sulfonmethane		2	A		
Sulforidazine	<i>Inofal</i>	2	A		
Sulindac	<i>Clinoril</i>	3	B		
Sulpiride	<i>Aiglonyl, Sulpitol</i>	2	A		
Sultopride	<i>Barnetil</i>	2	A		
Sumatriptan	<i>Imitrex</i>	3	B		
Synthetic cannabis	<i>Spice, K2, Kronic</i>	1	A		
Tadalafil	<i>Cialis</i>	3	A		
Talbutal	<i>Lotusate</i>	2	A		
Tamoxifen		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Estrogen receptor antagonist antineoplastic agent.	Testolactone has B classification
Tandospirone		2	A		
TCO2		3	B		
Telmisartin	<i>Micardis</i>	3	B		
Temazepam	<i>Restoril</i>	2	A		
Tenoxicam	<i>Alganex, etc.</i>	3	B		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Tepoxalin		3	B		
Terazosin	<i>Hytrin</i>	3	A		
Terbutaline	<i>Brethine, Bricanyl</i>	3	B		
Terfenadine	<i>Seldane, Triludan</i>	4	C		
Testolactone	<i>Teslac</i>	3	B		
Testosterone		3	B		
Tetrabenazine	<i>Nitoman</i>	2	A		
Tetracaine	<i>Pontocaine</i>	2	A		
Tetrahydrogestrinone		3	A		
Tetrahydrozoline	<i>Tyzine</i>	4	B		
Tetrazepam	<i>Musaril, Myolastin</i>	2	A		
THC (tetrahydrocannabinol) <sup>2</sup>	Drug of human abuse	1	A	Drug of human abuse.	
Thebaine		2	A		
Theobromine		4	B		
Theophylline	<i>Aqualphyllin, etc.</i>	3	B		
Thialbarbital	<i>Kemithal</i>	2	A		
Thiamylal	<i>Surital</i>	2	A		
Thiethylperazine	<i>Torecan</i>	2	A		
Thiopental	<i>Pentothal</i>	2	A		
Thiopropazate	<i>Dartal</i>	2	A		
Thiopropazine	<i>Majeptil</i>	2	A		
Thioridazine	<i>Mellaril</i>	2	A		
Thiosalicylate		4	B		
Thiothixene	<i>Navane</i>	2	A		
Thiphenamil	<i>Trocinate</i>	4	B		
Thyroxine and thyroid modulators/hormones, including but not limited to those containing T4 (tetraiodothyronine/thyroxine), T3 (triiodothyronine), or combinations thereof.	Levothyroxine	3	C	FDA approved but has (limited) legitimate use in care of racehorses.	
Tiapride	<i>Italprid, Luxoben, etc.</i>	2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Tiaprofenic acid	<i>Surgam</i>	3	B		
Tibolone		3	A	Steroid - synthetic steroid.	AAS lacking FDA approval
Tiletamine	<i>Component of Telazol</i>	2	A		
Timiperone	<i>Tolopelon</i>	2	A		
Timolol	<i>Blocardrin</i>	3	B		
Tocainide	<i>Tonocard</i>	4	B		
Tofisopam	<i>Grandaxain, Seriel</i>	2	A		
Tolazoline	<i>Priscoline</i>	3	B		
Tolfenamic Acid		4	B		
Tolmetin	<i>Tolectin</i>	3	B		
Topiramate	<i>Topamax</i>	2	A		
Toremifene		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - Selective estrogen receptor modulator.	
Torsemide (Torasemide)	<i>Demadex</i>	3	A		
Tramadol	<i>Ultram</i>	2	B		
Trandolapril (and metabolite, trandolaprilat)	<i>Tarka</i>	3	B		
Tranexamic acid		4	C		
Tranlycypromine	<i>Parnate</i>	2	A		
Trazodone	<i>Desyrel</i>	2	A		
Trenbolone	<i>Finoplix</i>	3	B		
Tretoquinol	<i>Inolin</i>	2	A		
Triamcinolone	<i>Vetalog, etc.</i>	4	C		
Triamterene	<i>Dyrenium</i>	4	B		
Triazolam	<i>Halcion</i>	2	A		
Tribromethanol		2	A		
Tricaine methanesulfonate	<i>Finquel</i>	2	A		
Trichlormethiazide	<i>Naqua, Naquasone</i>	4	C		
Trichloroethanol		2	A		
Trichloroethylene	<i>Trilene, Trimar</i>	2	A		
Triclofos	<i>Triclos</i>	2	A		
Tridihexethyl	<i>Pathilon</i>	4	B		
Trifluomeprazine	<i>Nortran</i>	2	A		

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Drug/Substance	Trade Name(s)	Drug Class	Penalty Class	Special Notation	Note.
Trifluoperazine	<i>Stelazine</i>	2	A		
Trifluperidol	<i>Triperidol</i>	2	A		
Triflupromazine	<i>Vetame, Vesprin</i>	2	A		
Trihexylphenidyl	<i>Artane</i>	3	A		
Trimeprazine	<i>Temaril</i>	4	B		
Trimetazidine		3	B	Hormone and Metabolic effects, same classification as Testolactone on Human Olympic Guidelines - a drug for angina pectoris, the first cytoprotective anti- ischemic agent.	
Trimethadione	<i>Tridione</i>	3	B		
Trimethaphan	<i>Arfonad</i>	3	A		
Trimipramine	<i>Surmontil</i>	2	A		
Tripelethamine	<i>PBZ</i>	3	B		
Tripolidine	<i>Actidil</i>	3	B		
Tubocurarine (Curare)	<i>Metubin</i>	2	A		
Tybamate	<i>Benvil, Nospan, etc.</i>	2	A		
Urethane		2	A		
Valdecocixib		2	B		
Valerenic acid		3	A		
Valnoctamide	<i>Nirvanyl</i>	2	A		
Valsartan	<i>Diovan</i>	3	B		
Vardenafil	<i>Levitra</i>	3	A		
Vedaprofen		4	B		
Venlafaxine	<i>Efflexor</i>	2	A		
Veralipride	<i>Accional, Veralipril</i>	2	A		
Verapamil	<i>Calan, Isoptin</i>	4	B		
Vercuronium	<i>Norcuron</i>	2	A		
Viloxazine	<i>Catatrol, Vivalan, etc.</i>	2	A		
Vinbarbital	<i>Delvinol</i>	2	A		
Vinylbital	<i>Optanox, Speda</i>	2	A		
Warfarin	<i>Coumadin, Coufarin</i>	5	D		
Xylazine	<i>Rompun, Bay Va 1470</i>	3	B		
Xylometazoline	<i>Otrivin</i>	4	B		
Yohimbine		2	B		
Zafirlukast	<i>Accolate</i>	4	C		



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<b>Drug/Substance</b>	<b>Trade Name(s)</b>	<b>Drug Class</b>	<b>Penalty Class</b>	<b>Special Notation</b>	<b>Note.</b>

## 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  
Tetracyclines  
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".*



UNIFORM CLASSIFICATION OF FOREIGN SUBSTANCES  
Version 14.0

# PENALTY GUIDELINES

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# PENALTY CATEGORY “A”

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:

<b>LICENSED TRAINER:</b>		
<b>1<sup>st</sup> Offense</b>	<b>2<sup>nd</sup> LIFETIME offense in any jurisdiction</b>	<b>3<sup>rd</sup> LIFETIME offense in any jurisdiction</b>
<ul style="list-style-type: none"> <li>• Minimum one-year suspension absent mitigating circumstances. The presence of aggravating factors could be used to impose a maximum of a three-year suspension</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• 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).</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• May be referred to the Commission for any further action deemed necessary by the Commission.</li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• 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).</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• May be referred to the Commission for any further action deemed necessary by the Commission.</li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• 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).</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• May be referred to the Commission for any further action deemed necessary by the Commission.</li> </ul>
<b>LICENSED OWNER:</b>		
<b>1<sup>st</sup> Offense</b>	<b>2<sup>nd</sup> LIFETIME offense in owner’s stable any jurisdiction</b>	<b>3<sup>rd</sup> LIFETIME offense in owner’s stable in any jurisdiction</b>
<ul style="list-style-type: none"> <li>• Disqualification and loss of purse</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• Disqualification and loss of purse</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• Disqualification, loss of purse and \$50,000 fine</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• 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.</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>• Referral to the Commission with a recommendation of a suspension for a minimum of 90 days.</li> </ul>

## PENALTY CATEGORY “B”

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 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:

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

## PENALTY CATEGORY “C”

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.)**

<b>LICENSED TRAINER</b>	<b>Phenylbutazone (&gt;2.0-5.0 mcg/ml)* Flunixin (&gt;20 - 100 ng/ml) Ketoprofen (&gt;2- 50 ng/ml) Furosemide (&gt;100 ng/ml) and/or no furosemide when identified as administered</b>	<b>Phenylbutazone (&gt;5.0 mcg/ml) Flunixin (&gt;100 ng/ml) Ketoprofen (&gt;50 ng/ml) and CLASS C Violations</b>
1 <sup>st</sup> 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 <sup>nd</sup> 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 <sup>rd</sup> 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
<b>LICENSED OWNER</b>	<b>Phenylbutazone (&gt;2.0-5.0 mcg/ml)* Flunixin (&gt;20 - 100 ng/ml) Ketoprofen (&gt;2- 50 ng/ml) Furosemide (&gt;100 ng/ml) and/or no furosemide when identified as administered</b>	<b>Phenylbutazone (&gt;5.0 mcg/ml) Flunixin (&gt;100 ng/ml) Ketoprofen (&gt;50 ng/ml) and CLASS C Violations</b>
1 <sup>st</sup> Offense (365-day period) in any jurisdiction	Horse may be required to pass commission-approved examination before being eligible to run	Disqualification and loss of purse in the absence of mitigating circumstances. Horse must pass commission-approved examination before being eligible to run.
2 <sup>nd</sup> Offense (365-day period) in any jurisdiction	Horse may be required to pass commission-approved examination before being eligible to run	Disqualification and loss of purse in the absence of mitigating circumstances. If same horse, placed on veterinarian’s list for 45 days, must pass commission-approved examination before being eligible to run
3 <sup>rd</sup> Offense (365-day period) in any jurisdiction	Disqualification and loss of purse. Horse must pass commission-approved examination before being eligible to run	Disqualification and loss of purse in the absence of mitigating circumstances. 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.

## **PENALTY CATEGORY “D”**

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.

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## MMV Point System

### Multiple Medication Violation Model Rule.

#### ARCI-011-020 (B)(13)

Officials are advised to check a licensee’s ARCI regulatory record to see if multiple medication violations should be considered as an aggravating factor in the determination of an appropriate penalty.

(1) Multiple Medication Violations (MMV)

- (a) A trainer who receives a penalty for a medication violation based upon a horse testing positive for a Class 1-5 medication with Penalty Class A-C, as provided in the most recent version of the ARCI Uniform Classification Guidelines for Foreign Substances, or similar state regulatory guidelines, shall be assigned points as follows:

Penalty Class	Points If Controlled Therapeutic Substance	Points If Non-Controlled Substance
<b>Class A</b>	N/A	6
<b>Class B</b>	2	4
<b>Class C</b>	½ for first violation with an additional ½ point for each additional violation within 365 days <sup>1</sup>	1 for first violation with an additional ½ point for each additional violation within 365 days
<b>Class D</b>	0	0

<sup>1</sup> Points for NSAID violations only apply when the primary threshold of the NSAID is exceeded. Points are not to be separately assigned for a stacking violation.

If the Stewards or Commission determine that the violation is due to environmental contamination, they may assign lesser or no points against the trainer based upon the specific facts of the case.

- (b) The points assigned to a medication violation by the Stewards or Commission ruling shall be included in the ARCI official database. The ARCI shall record points consistent with Section 13(a) including when appropriate, a designation that points have been suspended for the medication violation. Points assigned by such regulatory ruling shall reflect, in the case of multiple positive tests as described in paragraph

(d), whether they constitute a single violation. The Stewards' or Commission Ruling shall be posted on the official website of the Commission and within the official database of the Association of Racing Commissioners International. If an appeal is pending, that fact shall be noted in such Ruling. No points shall be applied until a final adjudication of the enforcement of any such violation.

- (c) A trainer's cumulative points for violations in all racing jurisdictions shall be maintained by the ARCI. Once all appeals are waived or exhausted, the points shall immediately become part of the trainer's official ARCI record and shall be considered by the Commission in its determination to subject the trainer to the mandatory enhanced penalties by the Stewards or Commission as provided in this regulation.
- (d) Multiple positive tests for the same medication incurred by a trainer prior to delivery of official notice by the commission may be treated as a single violation. In the case of a positive test indicating multiple substances found in a single post-race sample, the Stewards may treat each substance found as an individual violation for which points will be assigned, depending upon the facts and circumstances of the case.
- (e) The official ARCI record shall be used to advise the Stewards or Commission of a trainer's past record of violations and cumulative points. Nothing in this administrative regulation shall be construed to confer upon a licensed trainer the right to appeal a violation for which all remedies have been exhausted or for which the appeal time has expired as provided by applicable law.
- (f) The Stewards or Commission shall consider all points for violations in all racing jurisdictions as contained in the trainer's official ARCI record when determining whether the mandatory enhancements provided in this regulation shall be imposed.
- (g) In addition to the penalty for the underlying offense, the following enhancements shall be imposed upon a licensed trainer based upon the cumulative points contained in his/her official ARCI record:

<b>Points</b>	<b>Suspension in days</b>
5-5.5	15 to 30
6-8.5	30 to 60
9-10.5	90 to 180
11 or more	180 to 360

MMV penalties are not a substitute for the current penalty system and are intended to be an additional uniform penalty when the licensee:

- (i) Has had more than one medication violation for the relevant time period, and
- (ii) Exceeds the permissible number of points.

The Stewards and Commission shall consider aggravating and mitigating circumstances, including the trainer’s prior record for medication violations, when determining the appropriate penalty for the underlying offense. The MMP is intended to be a separate and additional penalty for a pattern of violations.

- (h) The suspension periods as provided in Section 13(g) shall run consecutive to any suspension imposed for the underlying offense.
- (i) The Stewards’ or Commission Ruling shall distinguish between the penalty for the underlying offense and any enhancement based upon a Stewards or Commission review of the trainer’s cumulative points and regulatory record, which may be considered an aggravating factor in a case.
- (j) Points shall expire as follows:

<b>Penalty Classification</b>	<b>Time to Expire</b>
A	3 years
B	2 years
C	1 year

In the case of a medication violation that results in a suspension, any points assessed expire on the anniversary date of the date the suspension is completed.

# NSAID STACKING MODEL RULE

## ARCI-011-020 (E)

### E. Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)

(1) The use of NSAIDs shall be governed by the following conditions:

(a) (BLANK)

(b) NSAIDs included in the ARCI Controlled Therapeutic Medication Schedule, Version 2.2, are not to be used in a manner inconsistent with the restrictions contained therein. NSAIDs not included on the ARCI Controlled Therapeutic Medication Schedule, Version 2.2, are not to be present in a racing horse biological sample at the laboratory concentration of detection.

(c) The presence of more than one NSAID may constitute a NSAID stacking violation consistent with the following restrictions:

A. A Class 1 NSAID Stacking Violation (Penalty Class B) occurs when:

i. Two non-steroidal anti-inflammatory drugs are found at individual levels determined to exceed the following restrictions:

- a. Diclofenac – 5 nanograms per milliliter of plasma or serum;
- b. Firocoxib - 20 nanograms per milliliter of plasma or serum;
- c. Flunixin – 20 nanograms per milliliter of plasma or serum;
- d. Ketoprofen – 2 nanograms per milliliter of plasma or serum;
- e. Phenylbutazone – 2 micrograms per milliliter of plasma or serum; or
- f. all other non-steroidal anti-inflammatory drugs – laboratory concentration of detection

ii. Three or more non-steroidal anti-inflammatory drugs are found at individual levels determined to exceed the following restrictions:

- a. Diclofenac – 5 nanograms per milliliter of plasma or serum;
- b. Firocoxib - 20 nanograms per milliliter of plasma or serum;
- c. Flunixin – 3 nanograms per milliliter of plasma or serum;
- d. Ketoprofen – 1 nanograms per milliliter of plasma or serum;
- e. Phenylbutazone – 0.3 micrograms per milliliter of plasma or serum; or
- f. all other non-steroidal anti-inflammatory drugs – laboratory concentration of detection.



B. A Class 2 NSAID Stacking Violation (Penalty Class C) occurs when:

- i. Any one substance noted in Subsection (A)(i) above is found in excess of the restrictions contained therein in combination with any one of the following substances at levels below the restrictions so noted but in excess of the following levels:
  - a. Flunixin – 3 nanograms per milliliter of plasma or serum;
  - b. Ketoprofen – 1 nanogram per milliliter of plasma or serum; or
  - c. Phenylbutazone – 0.3 micrograms per milliliter of plasma or serum;

C. A Class 3 NSAID Stacking Violation (Penalty Class C, fines only) occurs when:

- i. Any combination of two of the following non-steroidal anti-inflammatory drugs are found at or below the restrictions in Subsection (A)(i)(a through e) above but in excess of the noted restrictions:
  - a. Flunixin – 3 nanograms per milliliter of plasma or serum;
  - b. Ketoprofen – 1 nanogram per milliliter of plasma or serum; or
  - c. Phenylbutazone – 0.3 micrograms per milliliter of plasma or serum;

- (2) Any horse to which a NSAID has been administered shall be subject to having a blood and/or urine sample(s) taken at the direction of the official veterinarian to determine the quantitative NSAID level(s) and/or the presence of other drugs which may be present in the blood or urine sample(s).

## Recent Document Revisions

Version	Date	Drug/Substance	Notes
13.4.1	August 2018	Altrenogest	Added a missing footnote.
13.4	January 2018	Dipyron	Penalty Classification changed from C to B; Drug Class remains 4
13.4	January 2018	Tolfenamic Acid	Added as Drug Class 4, Penalty Class B
13.4	January 2018	Pimobendan	Added as Drug Class 2, Penalty Class B
13.4	January 2018	Mitragynine	Added as Drug Class 1, Penalty Class A
13.4	January 2018	Metformin	Added as Drug Class 2, Penalty Class B
13.4	January 2018	Letrozole	Added as Drug Class 3, Penalty Class A
13.4	January 2018	Capsaicin	Added as Drug Class 2, Penalty Class B
13.4	January 2018	Altrenogest	Added as Drug Class 4, Penalty Class C in male horses only; no restriction in female horses.
13.3	July 2017	Penalty C Guideline Modification	Added “[in the absence of mitigating circumstances]” for owner 1 <sup>st</sup> offense
13.2	April 2017	Penalty A Guideline Modification	Increase time on vets list to 180 days
13.2	April 2017	Articaine, Carticaine, and Priolocaine	Penalty Class Changed from A to B
13.2	April 2017	Cinchocaine	Penalty Class Changed from A to B
13.2	April 2017	Formebolone	Penalty Class Change from B to A
13.2	April 2017	Methyltestosterone	Penalty Class Change from A to B
13.2	April 2017	Methyl-1-testosterone	Added; Class 3, Penalty Class A
13.2	April 2017	Oxymesterone	Penalty Class Change from B to A
13.2	April 2017	Sulindac	Penalty Class Change from A to B
13.2	April 2017	Valdecocix	Penalty Change from A to B
13.2	April 2017	Benazepril	Penalty Class Changed to A
13.2	April 2017	Eszopiclone	Added Class 2; Penalty Class A
13.2	April 2017	Propantheline	Penalty Class B assigned.
13.00	January 11, 2017		Version 13.00 Publication Date
13.00	December 2016	Methdilazine	Changed from Class 4 to Class 3
13.00	December 2016	Naepaine	Changed from Class 4/Penalty C to Class 2/Penalty A
13.00	December	Nortestosterone	Changed from Class 4/Penalty C to Class 3/Penalty B

	2016		
13.00	December 2016	Olsalazine	Changed from Class 4/Penalty B to Class 5/Penalty C
13.00	December 2016	Oxaprozin	Changed from Penalty C to Penalty B
13.00	December 2016	Pentoxyfylline	Changed from Penalty C to Penalty D
13.00	December 2016	Terfenadine	Changed from Penalty B to Penalty C
13.00	December 2016	Thiosalicylate	Changed from Penalty C to Penalty B
13.00	December 2016	Tripolidine	Changed from Class 4 to Class 3
13.00	December 2016	Anisindione	Changed from Penalty C to Penalty D
13.00	December 2016	Cilostazol	Changed from Class 5/Penalty C to Class 4/Penalty B
13.00	December 2016	Cromolyn	Changed from Penalty C to Penalty D
13.00	December 2016	Dimethylsulphone (MSM)	Removed from classifications; recommended "do not report"
13.00	December 2016	Misoprostol	Changed from Penalty C to Penalty D
13.00	December 2016	Nedocromil	Changed from Penalty C to Penalty D
13.00	December 2016	Phenindione	Changed from Penalty C to Penalty D

Version	Date	Drug/Substance	Notes	Approx. Page(s)
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 <sub>2</sub>	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
13.01	December 2016	Cocaine and Morphine	Added a footnote inadvertently excluded from V.13.0	
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

Version	Date	Drug/Substance	Notes	Approx. Page(s)
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
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

Version	Date	Drug/Substance	Notes	Approx. Page(s)
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
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

Version	Date	Drug/Substance	Notes	Approx. Page(s)
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
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

Version	Date	Drug/Substance	Notes	Approx. Page(s)
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
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, 13



Version	Date	Drug/Substance	Notes	Approx. Page(s)
			1 substances are considered Class 1, Penalty A substances by reference. By request, Aminorex has been listed to avoid confusion.	
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	Methylhexaneamine	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	Pyrilamine	Corrected typographical error on Penalty Class (Listed as Penalty Class A in "Listing by Classification" section.	9, 20
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	Butanilicaine	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

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