



TEXAS RACING COMMISSION
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August 11, 2021

To: Stewards, Commission Veterinarians, Test Barn Supervisors, Practicing Veterinarians, Owners, and Trainers

From: Chuck Trout, Executive Director

Re: **Effective September 1, 2021**, changes to the following documents:

- Permissible Levels of Therapeutic Medications and Naturally Occurring Substances
- Equine Medication Classification List.

This memo is to provide notice that the above listed documents are to be replaced effective this date. The changes include, but are not limited to:

- Changes to the list of Permissible Levels of Therapeutic Medications and Naturally Occurring Substances;
- Changes to the Equine Medication Classification List.

These documents are subject to further revision at any time.

Test Barn Supervisors - please post this memo and the revised documents in the test barn as soon as possible. Also, please distribute copies of the Permissible Levels of Therapeutic Medications and Naturally Occurring Substances and Equine Medication Classification List to the practicing veterinarians at your racetrack.

Licensing Staff - please post this memo and the revised documents where they may be viewed by the public as soon as possible.

Copies of these documents will be made available on the Commission's website at <http://www.txrc.texas.gov>.

Attachments: Permissible Levels of Therapeutic Medications and Naturally Occurring Substances
Equine Medication Classification List



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June 29, 2021

EFFECTIVE SEPTEMBER 1, 2021

ATTENTION: Commission Veterinarians, Practicing Veterinarians, Owners, and Trainers
SUBJECT: Changes to Permissible Levels of Therapeutic Medications and Naturally Occurring Substances

PERMISSIBLE LEVELS OF THERAPEUTIC MEDICATIONS AND NATURALLY OCCURRING SUBSTANCES

In accordance with Commission Rules §§ 319.1(b) and 319.3(b)-(c), the following substances are permissible if found at or below the following specified concentration levels in samples taken from a horse.

I. GENERAL MEDICATIONS	MAXIMUM PERMISSIBLE CONCENTRATION
Acepromazine.....	10 ng/ml of 2-HEPS (metabolite) in urine
Butorphanol	300 ng/ml of total butorphanol in urine: or 2 ng of free butorphanol per ml in plasma or serum
Cetirizine.....	6 ng/ml in plasma or serum
Cimetidine.....	400 ng/ml in plasma or serum
Dantrolene	100 pg/ml of 5-hydroxydantrolene in plasma or serum
Detomidine.....	2 ng/ml of carboxydetomidine in urine; or 1 ng/ml of detomidine in plasma or serum
Dimethylsulfoxide/DMSO.....	10 mcg/ml in plasma or serum
Flunixin.....	5 ng/ml in plasma or serum
Furosemide.....	100 ng/ml in plasma or serum and urine specific gravity< 1.010
Glycopyrrolate.....	3 pg/ml in plasma or serum
Guaifenesin.....	12 ng/ml in plasma or serum
Ketoprofen	2 ng/ml in plasma or serum
Lidocaine	20 pg/ml of total 3OH-lidocaine in plasma or serum
Mepivacaine	10 ng/ml total hydroxymepivacaine in urine; or above Level of Detection of mepivacaine in plasma or serum
Methocarbamol	1 ng/ml in plasma or serum
Methylprednisolone.....	100 pg/ml in plasma or serum
Omeprazole	10 ng/ml of omeprazole sulfide in plasma or serum
Phenylbutazone.....	0.3 mcg/ml in plasma or serum
Ranitidine.....	40 ng/ml in plasma or serum
Xylazine	200 pg/ml in plasma or serum

II. NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDs)

NSAID Stacking Violation

Samples collected may contain one of the NSAIDs listed below at the indicated Threshold. The detection of one or more additional NSAIDs in blood and/or urine constitutes a stacking violation in addition to the violation associated with the detection of each additional NSAID.

- (1) Flunixin5 ng/ml in plasma or serum
- (2) Ketoprofen2 ng/ml in plasma or serum
- (3) Phenylbutazone.....0.3 mcg/ml in plasma or serum

III. ANDROGENIC-ANABOLIC STEROIDS MAXIMUM PERMISSIBLE CONCENTRATION

Boldenone	25 pg/ml in plasma or serum, regardless of sex 1 ng/ml in urine for fillies, mares, and geldings 15 ng/ml in urine in male horses other than geldings
Nandrolone	25 pg/ml in plasma or urine for fillies, mares, and geldings 1 ng/ml in urine for fillies, mares and geldings 45 ng/ml (as 5 α -estrane-3 β , 17 α -diol) in urine in male horses other than geldings
Testosterone.....	25 pg/ml in plasma or serum for fillies, mares, and geldings 55 ng/ml in urine in fillies and mares (unless in foal) 20 ng/ml in urine in geldings

IV. TOTAL CARBON DIOXIDE MAXIMUM PERMISSIBLE CONCENTRATION

Total Carbon Dioxide..... Must remain below 37 mmol/l in plasma or serum

V. ENDOGENOUS, DIETARY OR ENVIRONMENTAL SUBSTANCES MAXIMUM PERMISSIBLE CONCENTRATION

Arsenic	0.3 mcg/ml total arsenic in urine	Feed Contaminant
Caffeine	100 ng/ml in serum or plasma	Feed Contaminant
Cobalt	25 ppb in blood plasma or serum	Endogenous Substance/Feed Contaminant
Estranediol	0.045 mcg/ml, free + conjugated 5 α -estrane-3 β , 17 α -diol, in the urine of male horses other than geldings	Endogenous Substance
Gamma Aminobutyric Acid (GABA)	110 ng/ml in plasma or serum	Endogenous Substance
Hydrocortisone	1 mcg/ml in urine	Endogenous Substance
Methoxytyramine	4 mcg/ml, free + conjugated in urine	Endogenous Substance
Prednisolone	10 ng/ml free prednisolone in urine	Endogenous Substance
Salicylate/Salicylic Acid	750 mcg/ml in urine or 6.5 mcg/ml in serum or plasma	Feed Contaminant
Theobromine	2 mcg/ml in urine or 0.3 mcg/ml in serum or plasma	Feed Contaminant

APPROVED:



Chuck Trout, Executive Director

TEXAS RACING COMMISSION

Classification Guidelines for Foreign Substances

For Substances marked with an asterisk * see Special Notes at end of document.

Drug	Trade Name(s)	Class	Penalty
Δ -1-androstene-3, 17diol		3	A
Δ -1-androstene-3, 17dione		3	A
Δ -1-dihydrotestosterone		3	A
1-androstenediol (5 α androst-1-ene-3 β , 17 β diol)	Endogenous AAS (steroid)	3	B
1-androstenedione (5 α androst-1-ene-3, 17dione)	Endogenous AAS (steroid)	3	B
1-testosterone (17 β hydroxy-5 α -androst-1en-3-one)	AAS lacking FDA approval	3	A
19-Norandrostenediol		3	B
19-Norandrostenedione		3	B
19-noretiocholanolone	Metabolite of Nandrolone & Bolandione	3	B
2-Aminoheptane	Tuamine	4	B
3-Methoxytyramine	3-MT	2	A
3,4-methylenedioxypropylvalerone	MDPV, "bath salts"	1	A
4-androstene-3,6,17 trione (6-oxo)	Aromatase inhibitors, Testolactone	3	B
4-androstenediol (androst-4-ene-3 β , 17 β diol)	Androstenediol converted to testosterone	3	B
4-Hydroxytestosterone		3	B
5-androstenedione (androst-5-ene-3,17dione)	Prohormone of testosterone	3	B
5 α -androstane -3 α ,17adiol	Testosterone link – metabolite	3	B
5 α -androstane -3 α ,17 β diol	Testosterone link – metabolite	3	B
5 α -androstane -3 β ,17adiol	Testosterone link – metabolite	3	B
5 α -androstane -3 β ,17 β diol	Testosterone link – metabolite	3	B
5 β -androstane -3 α ,17 β diol, androst-4-ene3 α ,17 α -diol	Androstenediol converted to testosterone	3	B
7-keto-dhea;19-	Steroid produced by prohormone DHEA	3	B
7 α -hydroxy-dhea	Major metabolite of DHEA	3	B
7 β -hydroxy-dhea	Major metabolite of DHEA	3	B
α -Cobratoxin		1	A
Acebutolol	Sectral	3	B
Acecarbromal	Sedamyl, Carbased	2	A
Acenocoumarol	Acitrom	5	C
Acepromazine	Atrovet, Notensil, PromAce®	3	B
Acetaminophen (Paracetamol)	Tylenol, Temptra, etc.	4	C
Acetanilid	Antifebrin	4	B
Acetazolamide	Diamox, Vetamox	4	C
Acetophenazine	Tindal	2	A
Acetophenetidin	Phenacetin	4	B
Acetylcysteine		4	C
Acetylsalicylic acid (Aspirin)		4	C
Activators of AMPactivated protein kinase AMPK	AICAR, PPARs experimental, no FDA approval	2	A
Adinazolam	Deracyn	2	A
Adrenochrome monosemicarbazone salicylate		4	B
Albuterol (Salbutamol)	Proventil, Ventolin	3	A
Alclofenac	Non-Approved NSAID	2	B
Alclometasone	Aclovate	4	C
Alcuronium	Alloferin	2	A

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Drug	Trade Name(s)	Class	Penalty
Aldosterone	Aldocortin, Electro cortin	4	B
Alfentanil	Alfenta	1	A
Almotriptan	Axert	3	A
Alphaprodine	Nisentil	2	A
Alpha-pyrrolidinovalerophenone	Alpha-PVP human bath salts	1	A
Alpidem	Anaxyl	2	A
Alprazolam	Xanax	2	A
Alprenolol	Apllobal	2	A
Althesin	Saffan	2	A
Altrenogest (Only geldings, colts, intact males, spayed females)	Regumate	4	C
Ambenonium	Mytelase, Myeuran	3	B
Ambroxol	Ambril, etc.	4	B
Amcinonide	Cyclocort	4	C
Amiloride	Moduretic; Midamor	4	B
Aminocaproic acid	Amicar, Caprocid	4	C
Aminoglutethimide	Testolactone hormone/metabolic effects	3	B
Aminophylline	Aminophyllin, etc.	3	B
Aminopyrine		4	B
Aminorex (McN-742, Menocil)	Aminoxafen, Aminoxaphen, Apiquel	1	A
Amiodarone	Cordarone	4	B
Amisometradine	Rolictron	4	B
Amisulpride	Solian	2	A
Amitraz	Mitaban	3	B
Amitriptyline	Elavil, Amitril, Endep	2	A
Amlodipine	Ammivin, Norvasc	3	B
Amobarbital	Amytal	2	A
Amoxapine	Asendin	2	A
Amperozide	Thorazine	2	A
Amphetamine	Speed, Upper	1	A
Amrinone	Inocor	4	B
Amyl nitrite		2	A
Anastrozole	Testolactone effect, aromatase inhibitors	3	B
Andarine	SARM	2	A
Androst-4-ene-3 α , 17 β diol	Androstenediol convert to testosterone	3	B
Androst-4-ene-3 β , 17adiol	Androstenediol convert to testosterone	3	B
Androst-5-ene-3 α , 17adiol	Androstenediol convert to testosterone	3	B
Androst-5-ene-3 α , 17 β diol	Prohormone of testosterone	3	B
Androst-5-ene-3 β , 17adiol	Prohormone of testosterone	3	B
Androsta-1,4,6-triene-3,17-dione	Androstatrienedione Testolactone class	3	B
Androstenediol (androst-5-ene-3 β ,17 β diol)	Steroid; biosynthesis from DHEA	3	B
Androstenedione (androst-4-ene-3,17dione)	Steroid; biosynthesis from DHEA	3	B
Androsterone (3 β hydroxy-5 α -androstan-17-one)	Metabolite of testosterone & DHT	3	B
Anileridine	Leritine	1	A

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Drug	Trade Name(s)	Class	Penalty
Anilopam	Anisine	2	A
Anisindione	Miradon	5	D
Anisotropine	Valpin	4	B
Antipyrine	Phenazone	4	B
Apazone (Azapropazone)	Rheumox	4	B
Apomorphine	Apokyn, Ixense	1	A
Aprindine	Aspenon	4	B
Aprobarbital	Alurate	2	A
ARA-290	Nonerythropoietic peptide doping agent	1	A
Arecoline	Betel Nuts	3	A
Arformoterol	Brovana	3	B
Aripiprazole	Abilify	2	A
Arsenic	Mitigating environmental exposure is 3C	3	B*
Articaine	Septocaine; Ultracaine	2	B
Asialo EPO	Erythropoietin link-blood doping agent	1	A
Atenolol	Tenormin	3	B
Atipamazole	Antisedan	2	B
Atomoxetine	Strattera	2	A
Atracurium	Tracrium	2	A
Atropine	ATP, Tropin	3	B
Azacylonol	Frenque	2	A
Azaperone	Stresnil, Suicalm, Fentaz (with Fentanyl)	2	A
Baclofen	Lioresal	4	B
Barbital	Veronal	2	A
Barbiturates	Phenobarbital, butibarbital	2	A
Beclomethasone	Propaderm	4	C
Bemegride	Megimide, Mikedimide	2	A
Benazepril	Lotrel, Lotensin	3	A
Bendroflumethiazide	Naturetin	4	B
Benoxaprofen	Oraflex	2	B
Benoxinate	Dorsacaine	4	C
Benperidol	Anquil	2	A
Bentazepam	Tiadipona	2	A
Benzactizine	Deprol, Bronchodiletten	2	A
Benzocaine	Orajel	4	B
Benzocetamine	Tacitin	2	A
Benzodiazepines	Valium, Ativan, Xanax	2	A
Benzonatate (cough suppressant)	Tessalon, Tessalon Perles, Zonatuss	2	A
Benzphetamine	Didrex	2	A
Benzthiazide	Exna	4	B
Benztropine	Cogentin	2	A
Benzylpiperazine	BZP	1	A
Bepridil	Bepadin	4	B

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Drug	Trade Name(s)	Class	Penalty
Betamethasone	Betasone, etc.	4	C
Betaxolol	Kerlone	3	B
Bethanechol	Urecholine, Duvoid	4	C
Bethanidine	Esbatal	3	A
Biperiden	Akineton	3	A
Biriperone		2	A
Bisoprolol	Zebeta, Bisobloc, etc.	3	B
Bisphosphonates (any)		3	A
Bitolterol	Effectin-used in nebulizer mismanaged	3	A
Bolandiol (estr-4-ene3 β ,17 β -diol)	Steroid; AAS lacks FDA approval	3	A
Bolasterone	Myagen, Methosarb	3	A
Boldenone	Equipoise	3	B
Boldione	Zebeta, Bisobloc, etc.	3	A
Botulinum toxin		2	A
Bretylum	Bretylol	3	B
Brimonidine	Alphagan	2	A
Bromazepam	Lexotan, Lectopam	2	A
Bromfenac	Duract	3	A
Bromhexine	Oletor, etc.	4	B
Bromisovalum	Diffucord, etc.	2	A
Bromocriptine	Parlodel	2	A
Bromodiphenhydramine	Bromazine	3	B
Bromperidol	Bromidol	2	A
Brompheniramine	Dimetane, Disomer	3	B
Brotizolam	Brotocol	2	A
Budesonide	Pulmacort, Rhinocort	4	C
Bufexamac	Droxaryl, Malipuran	3	A
Bumetanide	Bumex	3	B
Bupivacaine	Marcaine	2	A
Buprenorphine	Temgesic	2	A
Bupropion	Wellbutrin	2	A
Buspirone	Buspar	2	A
Butabarbital (Secbutobarbitone)	Butacaps, Butasol, etc.	2	A
Butacaine	Butyn	2	A
Butalbital (Talbutal)	Fiorinal	2	A
Butamben (butyl aminobenzoate)	Butesin	4	C
Butanilcaine	Hostacain	2	A
Butaperazine	Repoise	2	A
Butoctamide	Listomin	2	A
Butorphanol	Stadol, Torbugesic (Torb)	3	B
Butoxycaine	Stadacain	4	B
Caffeine		2	B
Calusterone	Methosorb	3	A

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Drug	Trade Name(s)	Class	Penalty
Camazepam	Paxor	2	A
Camphor	Vick's Vapo Steam, Liniment	4	C
Candesartan	Cilexetil, Atcand	3	B
Cannabidiol (CBD)	Anti-epileptic, analgesic	2	B
Canrenone	Metabolite of spironolactone (diuretic)	4	C
Capsaicin	Active component of chili pepper	2	B
Captodiamine	Covatine (oral antihistamine mgmt.)	2	A
Captopril	Capolen	3	B
Carazolol	Carbacel, Conductor	3	A
Carbachol	Lentin, Doryl	3	B
Carbamezapine	Tegretol	3	B
Carbamylated EPO	Erythropoietin link blood doping agent	1	A
Carbazochrome	Toxivenol	4	B
Carbidopa + levodopa	Sinemet	2	A
Carbinoxamine	Clistin	3	B
Carbon Dioxide (TCO ₂)	Bicarbonate	3	B*
Carbromol	Mifudorm	2	A
Cardarine (GW-501516)	Lacks FDA approval	2	A
Carfentanil	Wildnil	1	A
Carisoprodol	Rela, Soma	2	B
Carphenazine	Proketazine	2	A
Carpipramine	Prazinil	2	A
Carprofen	Rimadyl	4	B
Carteolol	Cartrol	3	B
Carticaine (see articaine)	Septocaine; Ultracaine	2	B
Carvedilol	Coreg	3	B
Cathinone (khat, kat, qat, quat, chat, catha)	Abyssinian tea, African tea	1	A
Celecoxib	Celebrex	3	B
Cetirizine	Zyrtec	4	C
Chloral betaine	Beta-Chlor	2	A
Chloral hydrate	Nactec, Oridrate, etc.	2	A
Chloraldehyde	Chloral	2	A
Chloralose (AlphaChloralose)		2	A
Chlordiazepoxide	Librium	2	A
Chlorhexidol	Mecoral, Medodorm	2	A
Chlormerodrin	Neohydrin	4	B
Chlormezanone	Trancopal	2	A
Chloroform		2	A
Chlorophenesin	Maolate, Musil	4	C
Chloroprocaine	Nesacaine	2	A
Chloroquine	Avloclor	4	C
Chlorothiazide	Diuril	4	B
Chlorpheniramine	Chlortriemton, etc.	4	B

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Chlorproethazine	Newiplege	2	A
Chlorpromazine	Thorazine, Largactil	1	A
Chlorprothixene	Truxal, Taractan	2	A
Chlorthalidone	Hydroton	4	B
Chlorzoxazone	Paraflex	4	B
Chorionic Gonadotropin (CG) used in colts/horses	No restriction in fillies or mares	3	B
Ciclesonide	Alvesco	4	C
Cilostazol	Pletal	4	B
Cimaterol	Cimater	3	A
Cimetidine	Tagamet	5	D
Cinchocaine	Nupercaine	2	B
Citalopram	Celex	2	A
Clanobutin	Clanohepar	4	B
Clemastine	Tavist, Meclastin	3	B
Clenbuterol	Ventipulmin	3	A
Clibucaine	Batrax	2	A
Clidinium	Quarezan, Clindex, etc.	3	B
Clobazam	Urbanyl	2	A
Clobetasol	Clobex, Temovate	4	C
Clocapramine	Anafranil	2	A
Clocortolone	Cloderm	4	C
Clodronate	OsPhos; bisphosphonate	3	A
Clofenamide	Diumide	4	B
Clomethiazole (Chlormethiazole)	Heminevrin	2	A
Clomiphene	Testolactone effect; estrogen modulator	3	B
Clomipramine	Anafranil	2	A
Clonazepam	Klonopin	2	A
Clonidine	Catapres	3	B
Clorazepate	Tranxene	2	A
Clormecaine	Placacid	2	A
Clostebol	Macrobin, Steranabol	3	A
Clothiapine	Entermin	2	A
Clotiazepam	Trecalmo, Rize	2	A
Cloxazolam	Enadel, Sepazon, Tolestan	2	A
Clozapine	Clozaril, Leponex	2	A
CNTO 530	Erythropoietin link; blood doping agent	1	A
Cobalt	Bionic HI Mineral 50 ppb or > B penalty	3	B*
Cocaine		1	A
Codeine		1	A
Colchicine	Colcrys	4	B
Conorphone	Codorphone	2	A
Corticaine	Hydrocortisone Acetate Ultracain	2	A
Corticotrophind	Peptide hormone in stress response	3	B

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Cortisone	Cortone, etc.	4	C
Cromolyn	Intel	5	D
Crotetamide	Respirot	2	A
Cyamemazine	Tercian	2	A
Cyclandelate	Cyclospasmol	3	A
Cyclizine	Merazine	3	B
Cyclobarbital	Phanodorm	2	A
Cyclobenzaprine	Flexeril	4	B
Cyclofenil	SERMselective estrogen recept modulator	3	B
Cyclomethylcaine	Surfacaine	4	C
Cyclothiazide	Anhydron, Renazide	4	B
Cycrimine	Pagitane	3	B
Cyproheptadine	Periactin	3	B
Danazol	Danocrine	3	B
Dantrolene	Dantrium	4	C
Darbepoetin	Aranesp	1	A
Darbepoetin (depo)	Erythropoietin link; blood doping agent	1	A
Decamethonium	Syncurine	2	A
Dehydrochloromethyltestosterone	Oral Turinabol	3	A
Dembroxol (Dembrexine)	Equiplus, Equilysin, Sputolysin	4	C
Demoxepam	Lectopam	2	A
Deoxycorticosterone	Percortin, DOCA, Descotone, Dorcostrin	4	C
Deracoxib	Deremaxx	3	B
Dermorphin	Frog Juice	1	A
Desipramine	Norpromine, Pertofrane	2	A
Desonide	Des Owen	4	C
Desoximetasone	Topicort	4	C
Desoxymethyltestosterone	DMT, Madol, Pheraplex	3	A
Detomidine	Dormosedan	3	B
Dexamethasone	Azium, etc.	4	C
Dextromethorphan	DXM, DM	4	B
Dextromoramide	Palfium, Narcolo	1	A
Dextropropoxyphene	Darvon	3	B
Dezocine	Dalgan	2	A
Diamorphine	Morphine diacetate, heroin	1	A
Diazepam	Valium	2	B
Diazoxide	Proglycem	3	B
Dibucaine	Nupercainal, Cinchocaine	2	B
Dichloralphenazone	Febenol, Isocom	2	A
Dichlorphenamide	Daramide	4	C
Diclofenac	Voltaren, Voltarol	4	C
Dicumarol	Dicumarol	5	D
Diethylpropion	Amfepramone, Tepanil	2	A

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Drug	Trade Name(s)	Class	Penalty
Diethylthiambutene	Themalon	2	A
Diflorasone	Florone, Maxiflor	4	C
Diflucortolone	Flu-Cortinest, etc.	4	C
Diflunisal	Dolobid	3	B
Digitoxin	Crystodigin	4	B
Digoxin	Lanoxin	4	B
Dihydrocodeine	Parcodin	2	A
Dihydroergotamine	Migranal	4	B
Dihydrotestosterone (17 β -hydroxy-5 α -androstane-3-one)	Endogenous AAS; steroid	3	B
Diisopropylamine	Consistent with nitroglycerine	2	B
Dilorzepam	Briantum	2	A
Diltiazem	Cardizem	4	B
Dimeflin		3	A
Dimethisoquin	Quotane	4	B
Dimethylsulfoxide	DMSO, Domoso	4	C*
Diphenadione	Diphacine, Ditrac	5	C
Diphenhydramine	Benadryl	3	B
Diphenoxylate	Difenoxin, Lomotil	4	B
Diprenorphine	M50/50	2	A
Dipyridamole	Persantine	3	B
Dipyrone	Novin, Methamizole	4	C
Disopyramide	Norpace	4	B
Divalproex	Depakote	3	A
Dixyrazine	Esucos	2	A
Dobutamine	Dobutrex	3	B
Donepezil	Aricept	1	A
Dopamine	Intropin	2	A
Doxacurium	Nuromax	2	A
Doxapram	Dopram	2	A
Doxazosin	Cardura	3	A
Doxefazepam	Doxans	2	A
Doxepin	Adapin, Sinequan	2	A
Doxylamine	Decapryn	3	B
Dromostanolone	Drolban	3	B
Droperidol	Inapsine, Droleptan, Innovar-Vet w/Fentanyl	2	A
Drostanolone	Steroid; AAS lacks FDA approval	3	A
Duloxetine	Cymbalta	2	A
Dyclonine	Dyclone	4	C
Dyphylline	Dilor, Lufyllin	3	B
Edrophonium	Tensilon	3	B
Eletripan	Relpax	3	A
Eltenac	Telzenac	4	B
Enalapril (metabolite enalaprilat)	Vasotec	3	A

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Drug	Trade Name(s)	Class	Penalty
Enciprazine		2	A
Endorphins	Endorphinate, Forskolin	1	A
Enkephalins	Enkephalin	1	A
Ephedrine	Akovaz, Corphedra	2	A
Epi-dihydrotestosterone	Testosterone link; androgenic metabolite	3	B
Epibatidine		2	A
Epinephrine		2	A
Epitestosterone	Testosterone link; endogenous steroid	3	B
EPO-Fc	Erythropoietin link; blood doping agent	1	A
EPO-mimetic peptides (EMP)		1	A
Ergoloid mesylates (dihydroergocornine mesylate) mesylate, dihydroergocristine mesylate, and dihydroergocryptine mesylate)	Dihydroergocristine dihydroergocryptine mesylate	2	A
Ergonovine	Ergotrate	4	C
Ergotamine	Gynergen, Cafergot, etc.	4	B
Erthryl tetranitrate	Tetranitrol, Cardiloid, Cardilate	3	A
Erythropoietin(EPO)	Epogen, Procrit, ESAs.	1	A
Esmolol	Brevibloc	3	B
Esomeprazole	Nexium	5	D
Estazolam	Domnamid, Eurodin, Nuctalon	2	A
Eszopiclone	Lunesta	2	A
Etacrynic acid		3	C
Etamiphylline	Dalophylline	3	B
Etanercept	Enbrel	4	B
Ethacrynic acid	Edecrin	3	B
Ethamivan	Analepticon, Vandid	2	A
Ethanol		2	A
Ethchlorvynol	Placidyl	2	A
Ethinamate	Valmid	2	A
Ethoheptazine	Zactane	2	A
Ethopropazine	Parsidol	2	A
Ethosuximide	Zarontin	3	A
Ethotoin	Peganone	4	B
Ethoxzolamide	Cardrase, Ethamide	4	C
Ethylaminobenzoate (Benzocaine)	Semets, etc.	4	C
Ethylestrenol	Maxibolin, Organon	3	B
Ethylisobutrazine	Diquel	2	A
Ethylmorphine	Dionin	1	A
Ethylnorepinephrine	Bronkephrine	3	A
Ethylphenidate	EPH	1	A
Etidocaine	Duranest	2	A
Etifoxin	Stresam	2	A
Etiocholanolone	Testosterone link; etiocholane steroid	3	B
Etizolam	Depas, Pasaden	2	A

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Drug	Trade Name(s)	Class	Penalty
Ethamsylate		4	B
Etodolac	Lodine	3	B
Etodroxizine	Indunox	2	A
Etofenamate	NSAID	4	B
Etomidate		2	A
Etorphine HCl	M99	1	A
Exemestane	Testolactone effect; Aromatase inhibitors	3	B
Famotidine	Gaster, etc.	5	D
Felbamate	Felbatol	3	B
Felodipine	Plendil	4	B
Fenarbamate	Tymium	2	A
Fenbufen	Cincopal, Lederfen	3	B
Fenclozic acid	Myalex	2	B
Fenfluramine	Pondimin	2	A
Fenoldopam	Corlopam	3	B
Fenoprofen	Nalfon	3	B
Fenoterol	Berotec	3	B
Fenspiride	Respiride, Respan, etc	3	B
Fentanyl	Sublimaze	1	A
Fentiazac	Meloxicam	3	B
Fexofenadine	Allegra	4	C
Fibroblast Growth Factors (fgfs) (HGF) (IGF-1) (mgfs)	(PDGF) (VEGF) & any other growth factor No FDA app	3	A
Firocoxib	Previcox, Equioxx	4	C
Flecainide	Idalon	4	B
Floctafenine	Idalon, Idarac	4	B
Fluanisone	Sedalande	2	A
Fludiazepam	Erispam	2	A
Fludrocortisone	Alforone, etc.	4	C
Flufenamic acid	Antirheumatic, Combec, Fenazol	4	B
Flumethasone	Flucort, etc.	4	C
Flumethiazide	Ademol	4	B
Flunarizine	Sibelium	4	B
Flunisolide	Bronilide, etc.	4	C
Flunitrazepam	Rohypnol, Narcozep, Darkene, Hypnodorm	2	A
Flunixin	Banamine	4	C*
Fluocinolone	Synalar	4	C
Fluocinonide	Licon, Lidex	4	C
Fluopromazine	Psyquil, Siquil	2	A
Fluoresone	Caducid	2	A
Fluorometholone	FML	4	C
Fluoroprednisolone	Prednisolone, Orapred, Pediapred	4	B
Fluoxetine	Prozac	2	A
Fluoxymesterone	Halotestin	3	B

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Drug	Trade Name(s)	Class	Penalty
Flupenthixol	Depixol, Fluaxol	2	A
Fluphenazine	Prolixin, Permitil, Anatensol, etc.	2	B
Flupirtine	Katadolone	3	A
Fluprednisolone	Alphadrol	4	C
Flurandrenolide	Cordran	4	C
Flurazepam	Dalmane	2	A
Flurbiprofen	Froben	3	B
Fluspirilene	Imap, Redeptin	2	A
Fluticasone	Flixonase, Flutide	4	C
Flutoprazepam	Restas	2	A
Fluvoxamine	Dumirox, Faverin, etc.	2	A
Formebolone	Esiclone, Hubernol, Metanor	3	A
Formestane	Testolactone effect; Aromatase inhibitors	3	B
Formoterol	Altram	3	B
Fosinopril, metabolite, Fosinoprilat	Monopril	3	A
Fosphenytoin	Cerebyx	3	B
Fulvestrant	Estrogen receptor antagonist antineoplastic agen	3	B
Furazabol	Androfurazanol	3	A
Furosemide	Lasix- See note below	N/A	*
Gabapentin	Neurontin	3	B
Galantamine	Reminyl	2	A
Gallamine	Flaxedil	2	A
Gamma Aminobutyric Acid (GABA)	Carolina Gold	3	B
Gepirone	Travivo	2	A
Gestrinone	Dimetrose, Nemestran	3	A
GH-releasing peptides (ghrps), GHRP-6, GHRP-2	Anabolic agent lacks FDA approval	3	A
Glutethimide	Doriden	2	A
Glycopyrrolate	Robinul	4	C
Growth/Releasing Hormone (GHRH)	Anabolic agent CJC-1295, sermorelin approval	3	A
Growth Hormone Secretagogues (GHS)	Anabolic agent amanorelin, ipamorelin app.	3	A
Guaifenesin (glycerol guiacolate)	Gecolate	4	C
Guanabenz	Wytensin	3	B
Guanadrel	Hylorel	3	A
Guanethidine	Ismelin	3	A
Halazepam	Paxipam	2	A
Halcinonide	Halog	4	C
Halobetasol	Ultravate	4	C
Haloperidol	Haldol	2	A
Haloxazolam	Somelin	2	A
Harpagoside	Glycoside from devil's claw plant	4	B
Hemoglobin glutamers	Oxyglobin Hemopure	2	A

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Drug	Trade Name(s)	Class	Penalty
Heptaminol	Corofundol	3	B
Heroin	See also Diamorphine	1	A
Hexafluorenium	Myalexen	2	A
Hexobarbital	Evipal	2	A
Hexocyclium	Tral	4	B
Hexylcaine	Cyclaine	2	B
HIF activators (e.g. Argon, xenon)	Mediator of oxygen homeostasis - doping	3	A
Homatropine	Homapin	3	B
Homophenazine	Pelvichthol	2	A
Hydralazine	Apresoline	3	B
Hydrochlorthiazide	Hydrodiuril	4	B
Hydrocodone (dihydrocodienone)	Hycodan, Vicodin, Norco	1	A
Hydrocortisone (Cortisol)	Cortef, etc.	4	C
Hydroflumethiazide	Saluron	4	B
Hydromorphone	Dilaudid	1	A
Hydroxyamphetamine	Paradrine, Norpholedrine, Oxamphetamine	1	A
Hydroxyzine	Atarax	2	B
Hypoxia-inducible factor (HIF) activators	Blood doping agent	1	A
Hypoxia-inducible factor (HIF) stabilizers (e.g. IOX-2)	Blood doping agent	1	A
Ibomal	Noctal	2	A
Ibuprofen	Motrin, Advil, Nurpin, etc.	4	C
Ibutilide	Corvert	3	B
Iloprost	Ventavis	3	A
Imipramine	Imavate, Presamine, Tofranil	2	A
Indapamide	Diuretic	3	C
Indomethacin	Indocin	3	B
Infliximab	Remicade	4	B
Insulins	Protein hormone treats high blood sugar	3	B
Ipratropium	Atrovent	3	B
Irbesarten	Avapro	3	A
Isapirone		2	A
Isocarboxazid	Marplan	2	A
Isoetharine	Bronkosol	3	B
Isoflupredone	Predef2X	4	C
Isomethadone	Liden	2	A
Isometheptene	Octin, Octon	4	B
Isopropamide	Darbid	4	B
Isoproterenol	Isoprel	2	A
Isosorbide dinitrate	Isordil	3	B
Isoxicam	Maxicam	2	B
Isoxsuprine	Vasodilan	4	D
Isradipine	DynaCirc	4	B
Kebuzone		3	B

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Drug	Trade Name(s)	Class	Penalty
Ketamine	Ketalar, Ketaset, Vetalar	2	B
Ketazolam	Anxon, Laftram, Solatran, Loftran	2	A
Ketoprofen	Orudis	4	C*
Ketorolac	Toradol	3	A
Labetalol	Normodyne	3	B
Lamotrigine	Lamictal	3	A
Lansoprazole	Prevacid	5	D
Lenperone	Elanone-V	2	A
Letosteine	Viscotiol, Visiotol	4	B
Letrozole		3	A
Levamisole	Ergamisol	2	B
Levobunolol	Betagan, Vistagan	3	B
Levomethorphan		2	A
Levorphanol	Levo-Dremoran	1	A
Lidocaine	Xylocaine	2	B
Ligandrol	SARM	2	A
Lisinopril	Prinivil, Zestril	3	A
Lithium	Lithizine, Duralith, etc.	2	A
Lobeline	Zoolobelin	2	A
Lofentanil		1	A
Loflazepate, Ethyl	Victan	2	A
Loperamide	Imodium	3	B
Loprazolam	Dormonort, Havlane	2	A
Loratidine	Claritin	4	C
Lorazepam	Ativan	2	A
Lormetazepam	Noctamid	2	A
Losartan	Hyzaar	3	B
Loxapine	Laxitane	2	A
Luteinizing Hormone (LH) used in colts/horses	No restriction for fillies or mares	3	B
Mabuterol		3	A
Maprotiline	Ludiomil	2	A
Mazindol	Sanorex	1	A
Mebutamate	Axiten, Dormate, Capla	2	A
Mecamylamine	Inversine	3	B
Meclizine	Antivert, Bonine	3	B
Meclofenamic acid	Arquel	4	C
Meclofenoxate	Lucidril, etc.	2	A
Medazepam	Nobrium, etc.	2	A
Medetomidine	Damintor	3	B
Medroxyprogesterone		3	B
Medrysone	Medriusar, etc.	4	C
Mefenamic acid	Ponstel, Ponstan	3	B
Meldonium	Mildronate, et al	1	A

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Drug	Trade Name(s)	Class	Penalty
Meloxicam	Mobic	4	B
Melperone	Eunerpan	2	A
Memantine	Namenda	2	A
Meparfynol	Oblivon	2	A
Mepazine	Pacatal	2	A
Mepenzolate	Cantil	3	B
Meperidine	Demerol	1	A
Mephesisin	Tolserol	4	B
Mephenoxalone	Control, etc.	2	A
Mephentermine	Wyamine	1	A
Mephénytoin	Mesantoin	2	A
Mephobarbital (Methylphenobarbital)	Mebaral	2	A
Mepivacaine	Carbocaine	2	B
Meproamate	Equanil, Miltown	2	A
Meralluride	Mercurhydrin	4	B
Merbaphen	Novasural	4	B
Mercaptomerin	Thiomerin	4	B
Mercumatinin	Cumertilin	4	B
Mersalyl	Salyrgan	4	B
Mesalamine	Asacol	5	C
Mesoridazine	Serentil	2	A
Mestanolone	Androstalone, Ermalone	3	A
Mesterolone	Proviron	3	A
Metaclazepam	Talis	2	A
Metandienone	Steroid; AAS lacks FDA approval	3	A
Metaproterenol	Alupent, Metaprel	3	B
Metaraminol	Aramine	1	A
Metaxalone	Skelaxin	4	B
Metazocine	Talwin	2	A
Metenolone	Steroid; AAS lacks FDA approval	3	A
Metformin		2	B
Methacholine	Provocholine	3	A
Methadone	Dolophine	1	A
Methamphetamine	Desoxyn	1	A
Methandienone	Dianabol	3	B
Methandriol (Methylandrostenediol)	Probolin	3	A
Methandrostenolone	Dianabol, Methandienone	3	A
Methantheline	Banthine	3	B
Methapyrilene	Histadyl, etc.	3	B
Methaqualone	Quaalude	1	A
Metharbital	Gemonil	2	A
Methasterone	Superdrol	3	A
Methazolamide	Naptazane	4	C

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Drug	Trade Name(s)	Class	Penalty
Methcathinone	Catnip, M-Cat	1	A
Methdilazine	Tacaryl	3	B
Methenolone	Primobolan	3	A
Methixene	Trest	3	A
Methocarbamol	Robaxin	4	C
Methohexital	Brevital	2	A
Methotrexate	Folex, Nexate, etc.	4	B
Methotrimeprazine	Levoprome, Neurocil, etc.	2	A
Methoxamine	Vasoxyl	3	A
Methoxyphenamine	Orthoxide	3	A
Methoxypolyethylene glycol-epoetin beta (CERA)	Erythropoietin link; blood doping agent	1	A
Methscopolamine	Pamine	4	B
Methsuximide	Celontin	4	B
Methylchlorthiazide	Enduron	4	B
Methyl-1-testosterone	M1T	3	A
Methylatropine	Eumydrin	3	B
Methyldienolone	RU-3467	3	A
Methyldopa	Aldomet	3	A
Methylergonovine	Methergine	4	C
Methylhexanamine (Methylhexanamine)	Geranamine, Forthane	1	A
Methylnortestosterone	Trestolone	3	A
Methylphenidate	Ritalin	1	A
Methylprednisolone	Medrol	4	C
Methyltestosterone	Metandren	3	B
Methyprylon	Noludar	2	A
Methysergide	Sansert	4	B
Metiamide		4	B
Metoclopramide	Reglan	4	C
Metocurine	Metubine	2	A
Metolazone	Zytanix, Zaroxolyn, Mykrox	3	B
Metomidate	Hypnodil	2	A
Metopon (methyldihydromorphinone)	Metopon	1	A
Metoprolol	Lopressor	3	B
Metribolone	Steroid; AAS lacks FDA approval	3	A
Mexazolam	Melex	2	A
Mexilitine	Mexilil	4	B
Mibefradil	Posicor	3	B
Mibolerone	Cheque Drops, Matenon	3	B
Midazolam	Versed	3	B
Midodrine	Pro-Amiline	3	B
Milrinone	Primacor	4	B
Minoxidil	Loniten	3	B
Mirtazepine	Remeron	2	A

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Drug	Trade Name(s)	Class	Penalty
Misoprostol	Cytotec	5	D
Mitragynine	Kratom	1	A
Mivacurium	Mivacron	2	A
Modafinil	Provigil	2	A
Moexipril (metabolite, moexiprilat)	Uniretic	3	B
Molidustat	HIF Stabilizer – blood doping agent	1	A
Molindone	Moban	2	A
Mometasone	Elocon	4	C
Montelukast	Singulair	4	C
Moperone	Luvatren	2	A
Morphine	Morphabond, Kadian	1	A
Mosaprimine	Cremin	2	A
Muscarine	Muscarin, Amanita muscaria	3	A
myo-inositol trispyrophosphate (ITPP)	Hexasodium Salt	1	A
N-Butylscopolamine	Buscospan	4	C
Nabumetone	Anthraxan, Relafen, Reliflex	3	A
Nadol	Corgard	3	B
Naepaine	Amylsine	2	A
Nalbuphine	Nubain	2	A
Nalorphine	Nalline, Lethidrone	2	A
Naloxone	Narcan	3	B
Naltrexone	Revia	3	B
Nandrolone	Nandrolin, Laurabolin, Durabolin	3	B
Naphazoline	Privine	4	B
Naproxen	Equiproxen, Naprosyn	4	C
Naratriptan	Amerge	3	B
Nebivolol	Bystolic	3	A
Nedocromil	Tilade	5	D
Nefazodone	Serzone	2	A
Nefopam	Acupan	3	A
Neostigmine	Prostigmine	3	B
Nicardipine	Cardine	4	B
Nifedipine	Procardia	4	B
Niflumic acid	Nifluril	3	B
Nikethamide	Coramine	1	A
Nimesulide	Medindia	3	B
Nimetazepam	Erimin	2	A
Nimodipine	Nemotop	4	B
Nitrazepam	Mogadon	2	A
Nitroglycerin	Nitro-Time, Nitrostat	2	B
Nizatidine	Axid	5	D
Nomifensine		1	A
Norandrosterone	Nandrolene link; anabolic-androgenic ster	3	B

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Drug	Trade Name(s)	Class	Penalty
Norbolethone	Norboletone	3	A
Norclostebol	Lentabol	3	A
Nordiazepam	Calmday, Nordaz, etc.	2	A
Norepinephrine	Norepin, Levarterenol	2	A
Norethandrolone	Nilevar, Pronabol	3	A
Norethisterone	Norethindrone	4	B
Nortestosterone	Nandrolone	3	B
Nortriptyline	Aventyl, Pamelor	2	A
Nylidrine	Arlidin	3	A
Olanzapine	Zyprexa	2	A
Oliceridine – FDA approved opioid for humans	Opioid agonist	1	A
Olmesartan	Benicar	3	A
Olsalazine	Dipentum	5	C
Omeprazole	Prilosec, Losec, UlcerGuard	5	D
Oripavine	Opioid metabolite of thebaine	2	A
Orphenadrine	Norlfex	4	B
Ostarine	SARM	2	A
Oxabolone	Steranabol Depo	3	A
Oxandrolone	Anavar	3	B
Oxaprozin	Daypro, Deflam	4	B
Oxazepam	Serax	2	A
Oxazolam	Serenal	2	A
Oxcarbazepine	Trileptal	3	A
Oxilofrine (hydroxyephedrine)	Cophylac	2	A
Oxprenolol	Trasicor	3	A
Oxycodone	Percodan	1	A
Oxymesterone	Anamidol, Balnimax	3	A
Oxymetazoline	Afrin	4	B
Oxymetholone	Adroyd, Anadrol	3	B
Oxymorphone	Numorphan	1	A
Oxyperitine	Forit, Integrin	2	A
Oxyphenbutazone	Tandearil	4	C
Oxyphencyclimine	Daricon	4	B
Oxyphenonium	Antrenyl	4	B
Paliperidone	Invega	2	A
Pancuronium	Pavulon	2	A
Pantoprazole	Protonix	5	D
Papaverine	Pavagen, etc.	3	A
Paraldehyde	Paral	2	A
Paramethadione	Paradione	3	A
Paramethasone	Haldrone	4	C
Parecoxib	NSAID, selective Cox-2 inhibitor	4	B
Pargyline	Eutonyl	3	A

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Drug	Trade Name(s)	Class	Penalty
Paroxetine	Paxil, Seroxat	2	A
Peginesatide	Erythropoietin link; blood doping agent	1	A
Pemoline	Cylert	1	A
Penbutolol	Levatol	3	B
Penfluridol	Cyperon	2	A
Pentaerythritol tetranitrate	Duotrate, PETN	3	A
Pentazocine	Talwin	3	B
Pentobarbital	Nembutal	2	A
Pentoxifylline	Trental, Vazofirin	4	D
Pentylentetrazol	Metrazol, Nioric, PTZ	1	A
Perazine	Taxilan	2	A
Perfluorocarbons	PFCs	2	A
Perfluorodecahydronophthalene		2	A
Perfluorodecolin		2	A
Perfluorooctylbromide	Perflubron	2	A
Perfluorotripropylamine	Perfluamine	2	A
Pergolide	Prascend, Permax	3	B
Periciazine	Alodept, etc.	2	A
Perindopril	Aceon, Biprel	3	A
Perlapine	Hypnodin, pipnodine	2	A
Perphenazine	Trilafon	2	A
Phenacemide	Phenurone	4	B
Phenaglycodol	Acalo, Alcamid, etc.	2	A
Phenazocine	Narphen	1	A
Phencyclidine (PCP)	Sernylan, Angel Dust	1	A
Phendimetrazine	Bontril, etc.	1	A
Phenelzine	Nardelzine, Nardil	2	A
Phenindione	Hedulin	5	D
Phenmetrazine	Preludin	1	A
Phenobarbital	Luminal	2	A
Phenoxybenzamine	Dibenzyline	3	B
Phenprocoumon	Liquamar	5	D
Phensuximide	Milontin	4	B
Phentermine	Iomamin	2	A
Phentolamine	Regitine	3	B
Phenylbutazone	Butazolidin	4	C*
Phenylephrine	Isophrin, Neo-Synephrine	3	B
Phenylpropanolamine	Propadrine	3	B
Phenytoin	Dilantin	4	B
Physostigmine	Eserine	3	A
Picrotoxin	Cocculin	1	A
Piminodine	Alvodine, Cimadon	2	A
Pimobendan		2	B

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Drug	Trade Name(s)	Class	Penalty
Pimozide	Orap	2	A
Pinazepam	Domar	2	A
Pindolol	Viskin	3	B
Pipamperone	Dipiperon	2	A
Pipecuronium	Arduan	2	A
Pipequaline		2	A
Piperacetazine	Psymod, Quide	2	A
Piperocaine	Metycaine	2	A
Pipotiazine	Lonseren, Piportil	2	A
Pipradrol	Dataril, Gerondyl, etc.	2	A
Piquindone	Prolixin, moditen	2	A
Pirbuterol	Maxair	3	B
Pirenzapine	Gastrozepin	5	C
Piretanide	Arelix, Tauliz	3	B
Piritramide	Dipidolor, Piridolan	1	A
Piroxicam	Feldene	4	B
Plasma expanders, Bycerol, albumin, dextran mannitol	Lacks FDA approval	3	A
Polyacrylamide hydrogel	PAHG	4	C
Polyethylene glycol	Miralax, Glycolax	5	D
Polythiazide	Renese	4	B
Pramoxine	Tronothaine	4	C
Prasterone	Inactive Endogenous Steroid	3	B
Prazepam	Verstran, Centrax	2	A
Prazosin	Minipress	3	B
Prednisolone	Delta-Cortef, etc.	4	C
Prednisone	Meticorten, etc.	4	C
Pregabalin	Gabapentanoid (Lyrica)	3	B
Prilocaine	Citanest	2	B
Primidone	Mysoline	3	B
Probenecid		4	C
Procainamide	Pronestyl	4	B
Procaine	Novacaine	3	B
Procaterol	Pro Air	3	A
Prochlorperazine	Darbazine, Compazine	2	A
Procyclidine	Kemadrin	3	B
Promazine	Sparine	3	B
Promethazine	Phenergan	3	B
Propafenone	Rythmol	4	B
Propanidid	Panitol	2	A
Propantheline	Pro-Banthine	3	B
Proparacaine	Ophthaine	4	C
Propentophylline	Karsivan	3	B
Propiomazine	Largon	2	A

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Drug	Trade Name(s)	Class	Penalty
Propionylpromazine	Tranvet	2	A
Propiram	Algeril	2	A
Propofol	Diprivan, Disoprivan	2	A
Propoxycaine	Ravocaine	2	A
Propranolol	Inderal	3	B
Propylhexedrine	Benzedrex	4	B
Prostanazol		3	A
Prothipendyl	Dominal	2	A
Protokylol	Ventaire	3	A
Protriptyline	Concordin, Triptil	2	A
Proxibarbital	Axeen, Centralgol	2	A
Pseudoephedrine	Cenafed, Novafed	3	B
Pyridostigmine	Mestinson, Regonol	3	B
Pyrilamine	Neoantergan, Equihist	3	B
Pyrithyldione	Hybersulfan, Sonodor	2	A
Quazipam	Doral	2	A
Quetiapine	Seroquel	2	A
Quinapril, metabolite Quinaprilat	Accupril	3	A
Quinbolone	Anabolicum, Anabolvis	3	A
Quinidine	Quinidex, Quinicardine	4	B
Rabeprazole	Aciphex	5	D
Racemethorphan	Methorphan	2	A
Racemorphan	Morphanol	2	A
Raclopride		2	A
Ractopamine	Paylean	2	A
Raloxifene	SERM Selective estrogen receptor mod	3	B
Ramipril, metabolite Ramiprilat	Altace	3	A
Ranitidine	Zantac	5	D
Remifentanil	Ultiva	1	A
Remoxipride	Roxiam	2	A
Reserpine	Serpasil	2	B
Rilmazafone	Rhythmy	2	A
Risperidone		2	A
Ritanserlin		2	A
Ritodrine	Yutopar	3	B
Rivastigmine	Exelon	2	A
Rizatriptan	Maxalt	3	B
Rocuronium	Zemuron	2	A
Rofecoxib	Vioxx	2	B
Romifidine	Sedivet	3	B
Ropivacaine	Naropin	2	A
Roxadustat (FG-4592)	Erythropoietin link; blood doping agent	1	A
Salicylamide		4	C

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Drug	Trade Name(s)	Class	Penalty
Salicylate		4	C
Salmeterol	Serevent	3	B
Scopolamine (Hyoscine)	Triptone	4	C
Secobarbital (Quinalbarbitone)	Seconal	2	A
Selective Androgen Receptor Modulators SARMS		2	A
Selegiline	Eldepryl, Jumex, etc.	2	A
Sertraline	Lustral, Zoloft	2	A
Sibutramine	Meridia	3	B
Sildenafil	Viagra	3	A
Snake Venoms	Cobra Venoms	1	A
Somatrem	Protropin	2	A
Somatropin	Nutropin	2	A
Sotalol	Betapace, Sotacor	3	B
Spiclomazine	Clospirazine	2	A
Spiiperone	Spiropitan	2	A
Spirapril, metabolite Spiraprilat	Renomax	3	A
Spiironalactone	Aldactone	4	B
Spiironolactone	Diuretic	3	C
Stanozolol	Winstrol-V	3	B
Stenbolone	Anatrofin, Stenobolone	3	A
Strychnine	Strychnos Nux-Vomica	1	A
Succinylcholine	Sucostrin, Quelin, etc.	2	A
Sufentanil	Sufenta, Dsuvia	1	A
Sulfasalazine	Azulfidine, Azaline	4	C
Sulfondiethylmethane	Tetronal	2	A
Sulfonmethane		2	A
Sulforidazine	Inofal	2	A
Sulindac	Clinoril	3	B
Sulpiride	Aiglonyl, Sulpitol, Dogmatil	2	A
Sultopride	Barnetil	2	A
Sumatriptan	Imitrex	3	B
Synthetic cannabis	Spice, K2, Kronic	1	A
Tadalafil	Cialis	3	A
Talbutal	Lotusate	2	A
Tamoxifen	Estrogen receptor antagonist antineoplastic	3	B
Tandospirone	Metanopirone	2	A
Tapentadol	Nucynta	1	A
TCO2		3	B
Telmisartin	Micardis	3	B
Temazepam	Restoril	2	A
Tenoxicam	Alganex, etc.	3	B
Tepoxalin	Zubrin	3	B
Terazosin	Hytrin	3	A

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Drug	Trade Name(s)	Class	Penalty
Terbutaline	Brethine, Bricanyl	3	B
Terfenadine	Seldane, Triludan	4	C
Testolactone	Teslac	3	B
Testolone	SARM	2	A
Testosterone		3	B
Tetrabenazine	Nitoman	2	A
Tetracaine	Pontocaine, amethocaine	2	A
Tetrahydrogestrinone	THG, The Clear	3	A
Tetrahydrozoline	Tyzine	4	B
Tetrazepam	Musaril, Myolastin	2	A
THC (tetrahydrocannabinol)	Drug of human abuse	1	A
Thebaine	Paramorphine	2	A
Theobromine		4	B
Theophylline	Aqualphyllin, etc.	3	B
Thialbarbital	Kemithal	2	A
Thiamylal	Surital	2	A
Thiethylperazine	Torecan	2	A
Thiopental	Pentothal	2	A
Thiopropazate	Dartal	2	A
Thiopropazine	Majeptil	2	A
Thioridazine	Mellaril	2	A
Thiosalicylate	Tusal, Rexolate	4	B
Thiothixene	Navane	2	A
Thiphenamil	Trocinate	4	B
Thyroxine & thyroid hormones w/T4, T3 or any combo	Levothyroxine; Thyro-L	3	C
Tiapride	Italprid, Luxoben, etc.	2	A
Tiaprofenic acid	Surgam	3	B
Tibolone	Synthetic steroid; AAS lacks FDA approval	3	A
Tildronate Sodium	Tildren/Bisphosphonate	3	A
Tiletamine	Component of Telazol	2	A
Timiperone	Tolopelon	2	A
Timolol	Blocardrin	3	B
Tocainide	Tonocard	4	B
Tofisopam	Grandaxain, Seriel	2	A
Tolazoline	Priscoline	3	B
Tolfenamic acid	Clotan	4	B
Tolmetin	Tolectin	3	B
Topiramate	Topamax	2	A
Toremifene	Selective estrogen receptor modulator	3	B
Torseamide (Torasemide)	Demadex	3	A
Tramadol	Ultram	2	B
Trandolapril (and metabolite, trandolaprilat)	Tarka	3	B
Tranexamic acid	TXA, Cyklokapron, Lysteda	4	C

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Tranylcypromine	Parnate	2	A
Trazodone	Desyrel	2	A
Trenbolone	Finoplix	3	B
Tretoquinol	Inolin	2	A
Triamcinolone	Vetalog, etc.	4	C
Triamterene	Dyrenium	4	B
Triazolam	Halcion	2	A
Tribromethanol	Avertin	2	A
Tricaine methanesulfonate	Finquel	2	A
Trichlormethiazide	Naqua, Naquasone	4	C
Trichloroethanol		2	A
Trichloethylene	Trilene, Trimar	2	A
Triclofos	Triclos	2	A
Tridihexethyl	Pathilon	4	B
Trifluomeprazine	Nortran	2	A
Trifluoperazine	Stelazine	2	A
Trifluoperidol	Triperidol	2	A
Triflupromazine	Vetame, Vesprin	2	A
Trihexylphenidyl	Artane	3	A
Trimeprazine	Temaril	4	B
Trimetazidine	Cytoprotective anti-ischemic agent	3	B
Trimethadione	Tridione	3	B
Trimethaphan	Arfonad	3	A
Trimipramine	Surmontil	2	A
Tripelennamine	PBZ, Pyribenzamine	3	B
Tripolidine	Actidil	3	B
Trometamol	Tris-hydroxymethylaminomethane THAM	3	B
Tubocurarine (Curare)	Metubin	2	A
Tybamate	Benvil, Nospan, etc.	2	A
Urethane	Ethyl Carbamate, Polyurethane	2	A
Valdecoxib	NSAID	4	B
Valerenic acid	Valerian Root	3	A
Valnoctamide	Nirvanyl	2	A
Valsartan	Diovan	3	B
Vardenafil	Levitra	3	A
Vedaprofen	Vedaprofenum	4	B
Venlafaxine	Efflexor	2	A
Veralipride	Accional, Veralipril	2	A
Verapamil	Calan, Isoptin	4	B
Vercuronium	Norcuron	2	A
Viloxazine	Catatrol, Vivalan, etc.	2	A
Vinbarbital	Delvinol	2	A
Vinylbital	Optanox, Speda	2	A

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Warfarin	Coumadin, Coufarin	5	D
Xylazine	Rompun, Bay Va 1470	3	B
Xylometazoline	Otrivin	4	B
Yohimbine	Yobine Injection	2	B
Zafirlukast	Accolate	4	C
Zaleplon	Sonata	2	A
Zeranol	Ralgro	4	C
Ziconotide	Prialt	1	A
Zileuton	Zyflo	4	C
Zilpaterol hydrochloride	Zilmax, Zilpaterol	2	A
Ziprasidone	Geoden	2	A
Zolazepam	Flupyrzapon	2	A
Zolmitriptan	Zomig	3	B
Zolpidem	Ambien, Stilnox	2	A
Zomepirac	Zomax	2	B
Zonisamide	Zonegran	3	B
Zopiclone	Imovan	2	A
Zotepine	Lodopin	2	A
Zuclopenthixol	Ciatyl, Cesordinol	2	A

*SPECIAL NOTES

ARSENIC – 3B penalty with ability to mitigate to 3C penalty with direct credible evidence of environmental exposure (e.g., through cribbing or wood chewing behavior).

CARBON DIOXIDE (TC02) - See penalties set out in Equine Medication Classification Policy and Penalty Guidelines.

COBALT - 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 plasma or serum the recommended penalty is a written warning, the placement of the horse on the Vet list with removal from list only after a blood test confirms the concentration is below 25 ppb of blood plasma or serum. Testing shall be paid by owner(s) of the horse. Concentrations of 50 ppb or greater in blood plasma or serum have a recommended B penalty.

DIMETHYSULFOXIDE (DMSO) - See penalties set out in Equine Medication Classification Policy and Penalty Guidelines.

FUROSIMIDE (LASIX) - See penalties set out in Equine Medication Classification Policy and Penalty Guidelines.

FLUNIXIN, KETOPROFEN, AND PHENYLBUTAZONE - See penalties set out in Equine Medication Classification Policy and Penalty Guidelines.