



HORSERACING INTEGRITY
AND SAFETY AUTHORITY

HISA Prohibited Substances List

Controlled Medications



CONTROLLED – S7

SS ¹	SUBSTANCE	ACTION	COMMERCIAL / DEVELOPMENTAL NAME(S)	DETECTION TIME	SCREENING LIMIT <small>Unless otherwise designated as a Threshold</small>
B	Acepromazine	Sedative	PromAce, Aceproject	72 hrs: 0.15 mg/kg single oral dose (6 horses). 48 hrs: 0.05 mg/kg single IV dose (20 horses).	10 ng/mL as 2-(1-hydroxyethyl) promazine sulfoxide (HEPS) in urine; 0.02 ng/mL in serum or plasma
C	Acetaminophen (Paracetamol)	NSAID	Tylenol		
C	Acetylcysteine	Mucolytic	Mucomyst, Parvolex		
C	Acetylsalicylic acid (Aspirin)	NSAID	Generic		
B	Albuterol (Salbutamol)	Bronchodilator	FDA-approved equine product Torpex no longer commercially available. Available as FDA-approved for human use via inhalation as Proair HFA, Ventolin HFA, and generic formulations.	72 hours: 5 x 100 µg actuations per dose for 2 days dosed every 4 hours. Note: Albuterol administered by any route other than inhalation is a Banned Substance. Evidence that albuterol was administered by a route other than inhalation, regardless of the albuterol concentration in a urine sample, constitutes a Doping Violation.	0.5 ng/mL in urine

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C	Alclometasone	Corticosteroid	Generic		
A	Alfentanil	Opioid Analgesic	Alfenta. DEA Schedule II.		
B	Allopurinol	Xanthine oxidase inhibitor	Lopurin, Zyloprim, Aloprim		
A	Alprazolam	Sedative / Anxiolytic	Xanax DEA Schedule IV.		
C	Altrenogest <small>Fillies and Mares</small>	Progestogen / Estrus Suppression	Regumate		
C	Amcinonide	Corticosteroid	Generic		
C	Aminocaproic acid	Anti-fibrinolytic	Amicar		
B	Aminophylline	Bronchodilator	Generic		
B	Amiodarone	Antiarrhythmic	Nexterone, Pacerone		
A	Amitraz	Stimulant	Mitaban		
A	Amitriptyline	Antidepressant	Elavil		
B	Amrinone (Inamrinone)	Vasodilator	Amicor, Cardiotone		
B	Antazoline	Antihistamine (ophthalmic)	Discontinued, no FDA-approved product commercially available		
A	Aripiprazole	Antipsychotic	Abilify		
B(x)	Arsenic	Stimulant	Environmental substance		0.3 mcg.mL total (free and conjugated) in urine
B	Articaine	Local anesthetic	Orabloc, Septocaine		
A	Atipamezole	Alpha adrenergic antagonist	Antisedan, Revertidine		

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A	Atracurium	Muscle relaxant	Generic		
B(x)	Atropine	Anticholinergic	Atropen		60 ng/mL total (free and conjugated) in urine
B	Baclofen	Muscle relaxant	Lyvispah, Gablofen, Lioresal, Ozobax, Fleqsuvy		
C	Beclomethasone	Corticosteroid	Qvar, Qnasl, Beclovent		
C	Benoxinate (Oxybucaine, Oxybuprocaine)	Local anesthetic	Altafluor Benox [with fluorescein stain]		
B	Benzocaine	Local anesthetic	Orajel, Anbesol, Lanacane		
A	Benztropine	Anticholinergic	Generic		
C	Betamethasone	Corticosteroid	Betavet, Celestone		0.2 ng/mL in urine
C	Bethanechol	Cholinergic	Duovoid		
B	Bretylum	Antiarrhythmic	Generic		
B	Brinzolamide	Carbonic Anhydrase Inhibitor	Simbrinza, Azopt		
A	Bromfenac	NSAID	Prolensa, Bromsite		
B	Bromodiphenhydramine	Antihistamine	Ambodryl, Ambrodil		
B	Brompheniramine	Antihistamine	Dimetapp		
C	Budesonide	Corticosteroid	Uceris, Entocort, Tarpeyo, Ortikos, Pulmicor Flexhaler, Symbicort (with formoterol), Rhinocort Allergy		
B	Bupivacaine	Local anesthetic	Marcaine, Sensorcaine, Exparel		

1 – SPECIFIED SUBCLASSIFICATION
Specified substances designated with an X

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A	Buprenorphine	Analgesic	Simbadol, Zorbium, Butrans, Sublocade, Belbuca, Buprenex, Zubsolv DEA Schedule III.		
A	Buspirone	Anxiolytic	Generic		
C	Butamben (Butyl aminobenzoate)	Local anesthetic	Cetacaine		
B	Butorphanol	Sedative	Torbugesic, Tobutrol, Stadol, Dolorex DEA Schedule IV.	72 hrs: 0.1 mg/kg single IV dose (6 horses)	1 ng/mL in hydrolyzed urine or 0.01 ng/mL plasma or serum
B(x)	Caffeine	Stimulant	Cafcit, Migergot (with ergotamine), combined with NSAIDs in OTC formulations. Recognized by IFHA as Feed Contaminant		50 ng/mL (free and conjugated) in urine
C	Camphor	Local anesthetic	Vicks VapoRub		
B	Cannabidiol (CBD)	Analgesic / anti-inflammatory	Epidiolex		
B	Capsaicin	Topical analgesic / irritant	Zostrix, Salonpas Hot		
B	Carbachol	Cholinergic	Miostat		
B	Carbamazepine	Anticonvulsant	Tegretol, Carbatrol, Equetro, Teril		
B	Carbinoxamine	Antihistamine	Karbinal ER		
B	Carisoprodol	Muscle relaxant	Soma DEA Schedule IV.		
B	Carprofen	NSAID	Rimadyl		
B	Carticaine (see Articaine)	Local anesthetic	Septocaine, Orbloc		

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B	Celecoxib	NSAID	Celebrex		
C	Cetirizine	Antihistamine	Quzyttir, Zerviate, Zyrtec	48 hours: 0.4 mg/kg twice daily for 5 doses. (9 horses)	3 ng/mL in serum or plasma
A	Chlorprocaine	Local anesthetic	Nesacaine		
B	Chlorpheniramine	Antihistamine	ChlorTrimeton		
B	Chlorzoxazone	Muscle relaxant	Generic		
B	Chorionic Gonadotropin (CG) <small>Fillies and Mares</small>	Reproductive hormone	Pregnyl-biologic, does not require FDA approval.		
C	Ciclesonide	Corticosteroid	Aservo EquiHaler, Alvesco	48 hours: 5.5 mg/ day x 5 days, then 4.1 mg/day x 5 days via inhalation (Aservo Equihaler). (8 horses)	
B	Cilostazol	Vasodilator	Pletal		

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C	Cimetidine	Anti-ulcer	Tagamet	Restricted administration time: 24 hours. 20 mg/kg orally twice daily for a total of 7 doses (9 horses)	400 ng/mL in serum or plasma
B	Clemastine	Antihistamine	Tavist, Dayhist		
B	Clenbuterol	Beta-2 agonist-bronchodilator	Ventipulmin	Treated horse Vet Listed for minimum 21 days after last treatment. Official Workout and Clearance Testing (blood and urine) required to re-establish eligibility to race. Dosing specification: 0.8 mcg/kg orally twice daily for up to 30 days total in a 6 month period.	
C	Clobetasol	Corticosteroid	Olux, Cormax, Embeline, Impoyz, Clobex, Impeklo		
C	Clocortolone	Corticosteroid	Cloderm		
A	Clonidine	Antihypertensive / Analgesic	Catapres-TTS		
B(x)	Colchicine	Anti-gout	Colcrys, Mitigare		

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B	Corticotrophin	Corticosteroid stimulation	ACTH-80, Acthar Gel		
C	Cromolyn (Cromoglycate)	Mast Cell Stabilizer	Gastrocrom		
B	Cyclobenzaprine	Muscle relaxant	Flexeril, Amrix		
	Cyclopentolate	Mydriatic	Akpentolate, Cyclogyl, Pentolair, Cyclomydril		
B	Cyproheptadine	Antihistamine	Periactin		
C	Dantrolene	Muscle relaxant	Dantrium	48 hours: 500 mg orally once daily for 3 days (12 horses)	3 ng/mL of 5-hydroxy-dantrolene in urine; 0.1 ng/mL in serum or plasma as 3'-hydroxy-dantrolene
B	Deracoxib	NSAID	Deramaxx		
B	Deslorelin <small>Fillies and Mares</small>	Induce ovulation	Ovuplant, SucroMate, Suprelorin		
C	Desonide	Corticosteroid	Verdeso, Desowen		
C	Desoximethasone (Desoxymethasone, Desoximetasone)	Corticosteroid	Topicort		
B	Detomidine	Sedative / Analgesic	Dormosedan	48 hours: 0.02 mg/kg single IV dose (10 horses)	2 ng/mL 3-carboxy-detomidine in urine; 0.02 ng/mL in serum or plasma.
C	Dexamethasone	Corticosteroid	Azium, Dexasone	72 hours: Single 20 mg oral dose (20 horses)	0.2 ng/mL in urine.

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C	Dexamethasone sodium phosphate	Corticosteroid	Generic	72 hours: 0.06 mg/kg single IV dose (6 horses)	
B	Dextromethorphan	Antitussive	Delsym, Robitussin		
B	Diazepam	Anxiolytic	Valium DEA Schedule IV.		
C	Dichlorphenamide	Carbonic Anhydrase Inhibitor	Keveyis		
C	Diclofenac	NSAID	Surpass, Voltaren		50 ng/mL in urine
C	Diflorasone	Corticosteroid	Florone		
B	Digoxin	Antiarrhythmic	Lanoxin		
B	Dihydroergotamine mesylate	Ergot alkaloid	Migranal, Trudhesa		
C	Dimethylsulfoxide (DMSO)	NSAID	Domoso	48 hours: 70 mL 90% DMSO in 500 mL LRS IV single administration (30 horses)	15 mcg/mL in urine or 1,000 ng/mL in serum or plasma. Note: The detection of more than one NSAID in a horse's post-Race or Post-Official Workout blood sample constitutes a Stacking Violation.
B	Diphenhydramine	Antihistamine	Benadryl		
B	Diphenoxylate	Anti-diarrheal	Lomotil (with atropine) DEA Schedule II.		
B	Dipyridamole	Platelet inhibitor	Persantine		

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C	Dipyrene	NSAID / Anti-pyretic	Zimeta	72 hours: 30 mg/kg single IV dose (10 horses)	1,000 ng/mL of 4-methylaminoantipyrine in urine. Note: The detection of more than one NSAID in a horse's post-Race or Post-Official Workout blood sample constitutes a Stacking Violation.
B	Disopyramide	Antiarrhythmic	Norpace, Rythmodan		
B	Dobutamine	Beta-1 agonist	Generic		
A	Dopamine	Neurotransmitter	Generic		
B	Dorzolamide	Carbonic Anhydrase Inhibitor	Cosopt		
A	Doxapram	Respiratory Stimulant	Dopram, Respiram		
A	Doxepin	Antidepressant	Generic		
B	Doxylamine	Antihistamine	Unisom		
C	Dyclonine	Topical anesthetic	Dyclopro		
A	Ephedrine	Stimulant	Akovaz, Corphedra, Emerphed		
A	Epinephrine	Stimulant	Adrenalin, Epipen, Adrenaclick, Auvi-Q, Symjepi, Primatene Mist		
C	Esomeprazole	Anti-ulcer	Nexium		

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B	Estranediol in male horses (other than geldings)	Estrogen			Threshold: 0.045 mcg/ mL total (free and conjugated) 5α-estrane- 3β, 17α-diol per millilitre in urine when, at screening, the total 5α-estrane-3β, 17α-diol exceeds the total 5,10 estrane-3β,17α-diol in urine
B	Etanercept	NSAID	Enbrel		
C	Ethylaminobenzoate (Benzocaine)	Local anesthetic	Orajel		
B	Etodolac	NSAID	Generic		
C	Famotidine	Anti-ulcer	Duexis, Pepcid		
B	Fenoldopam	Vasodilator	Corlopan		
B	Fenoprofen	NSAID	Nalfon		
A	Fentanyl (Fentanil)	Opioid Analgesic	Actiq, Fentora, Lazanda, Sublimaze, Subsys DEA Schedule II.		
C	Fexofenadine	Antihistamine	Allegra		
C	Firocoxib	NSAID	Equioxx, Previcox	360 hours: 100 mcg/ kg orally once daily for total of 7 doses. (20 horses)	2 ng/mL in serum or plasma
B	Flecainide	Antiarrhythmic	Generic		
C	Flumethasone (Flumetasone)	Corticosteroid	Flucort, Anaprime		

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C	Flunixin	NSAID	Banamine, Flunixinamine, Equileve, Meflosyl	48 hours: 1.1 mg/kg single IV dose (16 horses); 500 mg single IV dose (12 horses)	<p>4 ng/mL in serum or plasma. Note: The detection of more than one NSAID in a horse's post-Race or Post-Official Workout blood sample constitutes a Stacking Violation. 3 NSAIDs (Flunixin, Ketoprofen, Phenylbutazone) are associated with a Detection Time of 48 hours. Only one of the three may be administered using a Withdrawal Interval based on the 48 hour Detection Time. To avoid a stacking violation (detection of more than 1 NSAID in a blood sample) the following secondary Detection Times should be applied for the following NSAIDs: Flunixin: 144 hours; Ketoprofen 96 hours; Phenylbutazone: 168 hours.</p>
C	Fluocinolone acetonide	Corticosteroid	Flucort-N		

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C	Fluocinonide	Corticosteroid	Fluonex, Lidex, Lonide, Lyderm		
C	Fluorometholone	Corticosteroid	FML Forte		
B	Fluphenazine	Antipsychotic	Generic		
C	Flurandrenolide (Flurandrenolone, Fludroxycortide)	Corticosteroid	Cordran		
B	Flurbiprofen	NSAID	Ansaid, Ocufer, Strepfen		
C	Fluticasone	Corticosteroid	Flovent, Flonase		
C	*Furosemide	Diuretic	Lasix, Salix	Restricted Administration: 48 hours. 1 mg/kg single IV dose (6 horses)	50 ng/mL in urine or 0.1 ng/mL in serum or plasma
C	**Furosemide	Diuretic	Lasix, Salix	Shall not be administered within 4 hours prior to Post-Time	100 ng/mL in serum or plasma AND urine S.G. < 1.010
B	Gabapentin	Anticonvulsant	Horizant, Gralise, Neurontin		

* (Permitted at all times during Workouts, Official Workouts, and other training exercise)

** Where permitted on race day

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C	Glycopyrrolate	Anticholinergic	Robinul	48 hours: 1 mg single dose IV. (20 horses)	0.003 ng/mL in serum or plasma
B	Gonadorelin Fillies and Mares	Induce ovulation	Cystorelin, Factrel, Fertelin, OvaCyst, Fertagyl, Gonabreed		
C	Guaifenesin (Glycerol guaiacolate)	Expectorant	Mucinex	48 hours: 2 grams total body dose, orally twice daily for 5 doses. (9 horses)	1 ng/mL in serum or plasma
C	Halcinonide	Corticosteroid	Halog		
C	Halobetasol	Corticosteroid	Lexette, Bryhali, Ultravate		
B	Harpagoside (Devil's Claw)	Anti-inflammatory	Glycoside of plant origin. No FDA-approved products commercially available. Constituent of multiple, unregulated OTC herbal remedies.		
B	Homatropine	Anticholinergic	Hycodan [with hydrocodone]		

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A(x)	Hordenine	Stimulant	Plant alkaloid (e.g. barley). Constituent of numerous OTC dietary supplements marketed for weight loss. Lacks FDA approval		80 mcg/mL total (free and conjugated) in urine
B	Hydralazine	Vasodilator	Hydra-Zide, Bidil		
C	Hydrocortisone	Corticosteroid	Cortef. Note: hydrocortisone is a component of numerous products, particularly those for topical, ophthalmic, and otic applications. The Responsible Person is advised to read all medication labels prior to authorizing administration.		Threshold: 1 mcg/mL in urine
C	Hydroxyzine	Antihistamine	Atarax	96 hours: 190 mg twice daily for a total of 9 doses (2 horses)	
C	Ibuprofen	NSAID	Advil, Motrin		
B	Ibutilide	Antiarrhythmic	Corvert		
A	Imipramine	Antidepressant	Tofranil		
B	Indomethacin	NSAID	Indocin		

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B	Infliximab	Immunosuppressor	Remicade		
B	Ipratropium	Bronchodilator	Atrovent	120 hours: 5.5 mcg/kg once daily via nebulization for 3 total doses (6 horses)	0.25 ng/mL in urine
B	Ipratropium bromide	Bronchodilator	Atrovent, Combivent (with albuterol)		
C	Isoflupredone	Corticosteroid	Predef 2x	14 day stand down for all intra-articular injections. Serum concentrations associated with an experimental dose of 8 mg IA single joint (6 horses) were all below Limit of Detection by 14 days.	
B	Isosorbide dinitrate	Vasodilator	Isordil		
B	Ketamine / Norketamine	Anesthetic	Ketaset, Vetalar DEA Schedule III.		

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C	Ketoprofen	NSAID	Ketofen	48 hours: 2.2 mg/kg single IV dose. (24 horses)	<p>2 ng/mL in serum or plasma. Note: The detection of more than one NSAID in a horse's post-Race or Post-Official Workout blood sample constitutes a Stacking Violation. 3 NSAIDs (Flunixin, Ketoprofen, Phenylbutazone) are associated with a Detection Time of 48 hours. Only one of the three may be administered using a Withdrawal Interval based on the 48 hour Detection Time. To avoid a stacking violation (detection of more than 1 NSAID in a blood sample) the following secondary Detection Times should be applied for the following NSAIDs: Flunixin: 144 hours; Ketoprofen 96 hours; Phenylbutazone: 168 hours.</p>
A	Ketorolac	NSAID	Acular, Acuvail, Sprix, Omidria		
B	Ketotifen	Antihistamine	Alaway, Zaditor		

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A	Lamotrigine	Anticonvulsant	Lamictal		
C	Lansoprazole	Anti-ulcer	Prevacid		
B	Levamisole	Anthelmintic / Immunostimulant	Ripercol, Tramisol, Levasole, Prohibit, LevaMed		
B	Lidocaine	Local anesthetic	Xylocaine [with epinephrine], Lignospan, Ztlido, Akten	48 hours: 200 mg of lidocaine as its hydrochloride salt administered subcutaneously (6 horses)	10 ng/mL as 3-hydroxylidocaine in urine; 0.02 ng/mL as 3-hydroxylidocaine in serum or plasma
B	Loperamide	Anti-diarrheal	Imodium		
C	Loratidine	Antihistamine	Claritin		
B	Luteinizing Hormone (LH) <small>Fillies and Mares</small>	Reproductive hormone modulator			
B	Magnesium sulfate	Sedative / Laxative	Generic		

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B	Meclofenamic acid	NSAID	Discontinued, no FDA-approved product commercially available. Routinely compounded.		
B	Medetomidine	Sedative / Analgesic	Domitor, Placadine		5 ng/mL as 3-hydroxymedetomidine in urine
B	Medroxyprogesterone	Reproductive hormone	Depo-Provera		
B	Meloxicam	NSAID	Metacam		
B	Mepivacaine	Local anesthetic	Carbocaine, Polocaine, Scandonest	72 hours: 40 mg (2 ml) single dose SQ distal limb (6 horses)	10 ng/mL as 3-hydroxymepivacaine in urine; 0.05 ng/mL in serum or plasma
C	Mesalamine (Mesalazine)	Anti-inflammatory	Delzicol, Pentasa, Sfrowasa, Canasa, Lialda		
C	Methocarbamol	Muscle relaxant	Robaxin	48 hours: 15 mg/kg single IV dose. (20 horses)	1 ng/mL in serum or plasma
B	Methotrexate	Immunomodulator	Otrexup, Rasuvo, Reditrex, Trexall		
C	Methylergonovine	Ergot alkaloid	Methergine		
C	Methylprednisolone	Corticosteroid	Depo-Medrol		
C	Methylsalicylate	NSAID	Salonpas (with menthol)		

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C	Methylsulfonylmethane (MSM)	Anti-inflammatory	Feed contaminant per IFHA		1200 mcg/mL in urine
C	Metoclopramide	Anti-emetic / Prokinetic	Gimoti, Reglan		
B	Mexiletine	Antiarrhythmic	Generic		
B	Midazolam	Anticonvulsant	Seizalam DEA Schedule IV		
B	Milrinone	Vasodilator	Generic		
C	Misoprostol	Prostaglandin analog	Cytotec	48 hours: 5 mcg/kg orally twice daily for 14 days. (6 horses)	
C	Mometasone	Corticosteroid	Asmanex, Sinuva, Elocon, Ryaltris, Nasonex		
C	Montelukast	Leukotriene receptor antagonist	Singulair		
A(x)	Morphine	Opioid Analgesic	Duramorph, Infumorph, Mitigo, MS Contin. DEA Schedule II; Dietary substance per IFHA		30 ng/mL total (free and conjugated) in urine
B	Nabumetone	NSAID	Generic		
A	Nalmefene	Opioid antagonist	Revex		

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B	Naloxone	Opioid antagonist	Narcan, Zimhi, Suboxone (with buprenorphine hydrochloride), Zubsolv (with buprenorphine hydrochloride)		
A	Naltrexone	Opioid antagonist	Trexonil		
B	Naphazoline	Sympathomimetic	Naphcon-A (with pheniramine maleate), Opcon-A (with pheniramine maleate), Visine (with pheniramine maleate)		
C	Naproxen	NSAID	Aleve, Naprosyn, Anaprox		
C	N-Butylscopolammonium	Anticholinergic	Buscopan	48 hours: 0.3 mg/kg single IV dose (6 horses)	25 ng/mL in urine
C	Nedocromil	Mast Cell Stabilizer	Alocril		
B	Neostigmine	Anticholinesterase	Bloxiverz		
C	Nizatidine	Anti-ulcer	Axid		
A	Norepinephrine	Stimulant	Levophed		
C	Olsalazine	Anti-inflammatory	Diipentum		

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C	Omeprazole	Anti-ulcer	Gastrogard	Restricted administration time: 24 hours. 2.2 g orally once daily for 4 doses (9 horses)	10 ng/mL in serum or plasma as omeprazole sulfide
C	Oxybuprocaine (Benoxinate, oxybucaine)	Local anesthetic	Atafluor Benox		
B	Oxymetazoline	Nasal decongestant	Rhofade, Upneq, Visine		
B	Oxytocin	Uterine contraction	Pitocin		
A	Pancuronium	Muscle relaxant	Generic		
C	Pantoprazole	Anti-ulcer	Protonix		
B	Pentazocine	Opioid analgesic	Generic (with naloxone hydrochloride) DEA Schedule IV		
A	Pentobarbital	Barbiturate	Nembutal DEA Schedule II.		
C	Pentoxyfylline	Vasodilator	Discontinued, no FDA-approved product commercially available.		
B	Pergolide	Dopamine agonist	Prascend		

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A	Phenazopyridine	Local anesthetic	Discontinued, no FDA-approved product commercially available		
A	Phenobarbital	Barbiturate	Predates FDA, grandfathered DEA schedule IV.		
B	Phentolamine	Vasodilator	Oraverse		

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C	Phenylbutazone	NSAID	Butazolidin, Butatron, EquiBute, Phen Buta Vet, Bizolin, Butequine, Superiorbute, Pributazone	48 hours: 4.4 mg/kg single IV dose. (17 horses)	0.2 mcg/mL in serum or plasma. Note: The detection of more than one NSAID in a horse's post-Race or post-Official Workout blood and sample constitutes a Stacking Violation. 3 NSAIDs (Flunixin, Ketoprofen, Phenylbutazone) are associated with a Detection Time of 48 hours. Only one of the three may be administered using a Withdrawal Interval based on the 48 hour Detection Time. To avoid a stacking violation (detection of more than 1 NSAID in a blood sample) the following secondary Detection Times should be applied for the following NSAIDs: Flunixin: 144 hours; Ketoprofen 96 hours; Phenylbutazone: 168 hours.
B	Phenylephrine	Stimulant	Biorphen		
B	Phenytoin	Anticonvulsant	Dilantin, Phenytek		

CONTROLLED – S7

SS ¹	SUBSTANCE	ACTION	COMMERCIAL / DEVELOPMENTAL NAME(S)	DETECTION TIME	SCREENING LIMIT <small>Unless otherwise designated as a Threshold</small>
A	Physostigmine	Acetylcholinesterase inhibitor	Antilirium		
B	Piroxicam	NSAID	Feldene		
A	Potassium Bromide	Anticonvulsant / Anxiolytic	KBroVet-CA1		
C	Pramoxine	Topical anesthetic	Epifoam (with hydrocortisone acetate), Pramosome (with hydrocortisone acetate)		
C	Prednisolone	Corticosteroid	Endogenous substance (urine only) per IFHA		Threshold: 0.01 mcg/mL free prednisolone in urine
C	Prednisone	Corticosteroid	Rayos		
A	Pregabalin	Anticonvulsant / Analgesic	Lyrica DEA Schedule V.		
B	Prilocaine	Local anesthetic	Emla (with lidocaine), Oraqix (with lidocaine), Citanest (with epinephrine)		
B	Primidone	Anticonvulsant	Mysoline		
B	Procainamide	Antiarrhythmic	Generic		
B	Procaine	Local anesthetic	(with Penicillin G)	17 mg (~17,000 IU) per kg IM	25 ng/mL in serum or plasma
B	Promazine	Sedative / Antipsychotic	Promazine Granules		
B	Promethazine	Antihistamine	Promethegan. Note: Component of multiple OTC cough/cold formulations.		

CONTROLLED – S7

SS ¹	SUBSTANCE	ACTION	COMMERCIAL / DEVELOPMENTAL NAME(S)	DETECTION TIME	SCREENING LIMIT <small>Unless otherwise designated as a Threshold</small>
B	Propafenone	Antiarrhythmic	Rythmol		
C	Proparacaine (Proxymetacaine)	Local anesthetic	Alcane		
A	Propofol	Anesthetic	PropoFlo, Rapanofal		
A	Propranolol	Antiarrhythmic / Antihypertensive	Inderal, Hemangeol		
B	Pseudoephedrine	Stimulant	Sudafed		
B	Pyridostigmine	Cholinesterase Inhibitor	Mestinon, Regonol		
B	Pyrilamine	Antihistamine	Histavet-P		
B	Quinidine	Antiarrhythmic	Generic		
C	Rabeprazole	Anti-ulcer	Aciphex		
C	Ranitidine	Anti-ulcer	Generic	Restricted administration time: 24 hours. 8 mg/kg orally twice daily for 7 doses. (9 horses)	40 ng/mL in serum or plasma
A	Reserpine	Antihypertensive / Depressant	Serpasil		
A	Rocuronium	Muscle relaxant	Generic		

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SS ¹	SUBSTANCE	ACTION	COMMERCIAL / DEVELOPMENTAL NAME(S)	DETECTION TIME	SCREENING LIMIT <small>Unless otherwise designated as a Threshold</small>
B	Romifidine	Sedative	Sedivet	60 hours: 80 mcg/kg single IV dose (6 horses)	1 ng/mL in urine
A	Ropivacaine	Local anesthetic	Naropin		
C	Salicylic acid	NSAID	Paser		Threshold: 750 mcg/mL in urine or 6.5 mcg/mL in serum or plasma
B	*Salmeterol	Beta-2 agonist-bronchodilator	Serevent, Advair (with fluticasone), Airduo (with fluticasone), Wixela (with fluticasone)		
C(x)	Scopolamine (Hyoscine)	Anticholinergic	Transdermal Scop, Dietary substance per IFHA		60 ng/mL total (free and conjugated) in urine
A	Secobarbital (Quinalbarbitone)	Sedative / Hypnotic	Discontinued, no FDA- approved product commercially available. DEA Schedule II.		
B	Sotalol	Antiarrhythmic	Betapace, Sorine, Sotylize		
A	Succinylcholine	Muscle relaxant	Anectine, Quelicin		
C	Sulfasalazine	Disease-modifying anti- rheumatic	Azulfadine		
C	Suprofen	NSAID	Discontinued, no FDA- approved product commercially available		

* When administered via inhalation

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SS ¹	SUBSTANCE	ACTION	COMMERCIAL / DEVELOPMENTAL NAME(S)	DETECTION TIME	SCREENING LIMIT <small>Unless otherwise designated as a Threshold</small>
B	Temazepam (Temazepam is a major metabolite of diazepam. If there is credible evidence that the presence of temazepam in a horse's sample is the consequence of exposure to diazepam, the classification of temazepam may be revised to S7(B).)	Anxiolytic	Restoril DEA Schedule IV.		
B	Tepoxalin	NSAID	Zubrin		
B	Tetracaine	Local anesthetic	Pliaglis [with Lidocaine], Synera [with Lidocaine], Kovanze [with Oxymetazoline]		
B	Tetrahydrozoline	Topical Decongestant	Visine		
B(x)	Theobromine	Bronchodilator / Vasodilator	Lacks FDA approval, Dietary substance per IFHA		2 mcg/mL (free and conjugated) in urine OR 0.3 mcg/mL in serum or plasma
B(x)	Theophylline	Bronchodilator	Generic, Dietary substance per IFHA		250 ng/mL (free and conjugated) in urine
A	Thiamylal	Sedative / Hypnotic	Surital, Biotal, Anestatal DEA Schedule III.		
A	Thiopental (Pentothal)	Anesthetic	Combuthal Powder, Xylamed DEA Schedule III		
A	Tiletamine	Anesthetic	Telazol [with zolazepam] DEA Schedule III.		

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SS ¹	SUBSTANCE	ACTION	COMMERCIAL / DEVELOPMENTAL NAME(S)	DETECTION TIME	SCREENING LIMIT <small>Unless otherwise designated as a Threshold</small>
B	Tiotropium	Bronchodilator	Spiriva		
A	Tolazoline	Vasodilator	Discontinued, no FDA-approved product commercially available		
B	Tramadol	Opioid Analgesic	Ultram DEA Schedule IV.		
C	Tranexamic acid	Anti-fibrinolytic	Cykokapron		
C	Triamcinolone	Corticosteroid	Vetalog, Kenalog		0.5 ng/mL in urine
C	Trichlormethiazide	Diuretic	Discontinued, no FDA-approved product commercially available		
B	Tripelennamine	Antihistamine	Re-Covr		
B	Tropicamide	Ophthalmic Anticholinergic	Mydracyl		
A	Valerenic acid	Sedative	Plant derived		
A	Vecuronium	Muscle relaxant	Generic		
C	Warfarin	Anticoagulant	Coumadin, Jantoven		
B	Xylazine	Sedative / Analgesic	Rompun, Anased	72 hours: 200 mg single IV dose.	10 ng/mL in urine (as 4-OH xylazine); 0.05 ng/mL in serum or plasma

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SS ¹	SUBSTANCE	ACTION	COMMERCIAL / DEVELOPMENTAL NAME(S)	DETECTION TIME	SCREENING LIMIT <small>Unless otherwise designated as a Threshold</small>
B	Yohimbine	Stimulant	Antagonil		
A	Zolazepam	Sedative / Anxiolytic	Telazol [with Tiletamine]		