

Drug Rule Appendices for 2025

Adapted for NATRC, with permission, from AERC

Note: These are similar, but not identical to, those of AERC

Appendix A. Prohibited Substances

Acebutol	Antipyrine	Bromazepam	Celecoxib	Cocaine
Acecarbromal	Apazone	Bromfenac	Cephalosporins	Codeine
Acenocoumarol	Apomorphine	Bromhexine	Cetirizine	Colchicine
Acepromazine	Aprindine	Bromisovalum	Chamomile	Comfrey
Acetaminophen	Aprobarbital	Bromocriptine	Chloral betaine	Conorphone
Acetanilid	Arecoline	Bromodiphenhydramine	Chloral hydrate	Corticaine
Acetazolamide	Arnica	Bromperidol	Chloraldehyde	Cortisone
Acetophenazine	Arsenic	Brompheniramine	Chloralose	Cromolyn
Acetophenetidin	Articaine	Brotizolam	Chlorbutanol	Crotetamide
Acetylpromazine	Ashwaghandha	Budesonide	Chlordiazepoxide	Cyamemazine
Acetylsalicylic acid	Atenolol	Bufotenine	Chlorhexidol	Cyclandelate
Adinazolam	Atomoxetine	Bumetanide	Chlormerodrin	Cyclizine
Albuterol	Atracurium	Bupivacaine	Chlormezanone	Cyclobarbitol
Alclofenac	Atropine	Buprenorphine	Chloroform	Cyclobenzaprine
Aclomethasone	Azacylonol	Bupropion	Chlorophenesin	Cyclomethylcaine
Alcuronium	Azaperone	Buspirone	Chloroprocaine	Cyclothiazide
Aldosterone	Bacitracin	Butabarbital	Chloroquine	Cycrimine
Alfentanil	Baclofen	Butacaine	Chlorothiazide	Cyproheptadine
Almotriptan	Barbital	Butalbital	Chlorpheniramine	Danazol
Alphaprodine	Beclomethasone	Butamben	Chlorproethazine	Dantrolene
Alpidem	Belladonna	Butanilcaine	Chlorpromazine	Darbepoetin
Alprazolam	Bemegride	Butaperazine	Chlorprothixene	Decamethonium
Alprenolol	Benazeprilat	Butoctamide	Chlorthalidone	Dembroxol (Dembrexine)
Althesin	Benazepril	Butorphanol	Chlorzoxazone	Demethylpyrilamine
Ambenonium	Bendroflumethiazide	Butoxycaine	Cilostazol	Demoxepam
Ambroxol	Benoxaprofen	N-butylscopolammonium bromide	Cimeterol	Deoxycorticosterone
Amcinonide	Benoxinate	Caffeine	Cimetidine	Derecoxib
Amiloride	Benperidol	Calusterone	Cinchocaine	Desipramine
Aminocaproic acid	Benzazepam	Camazepam	Citalopram	Desonite
Amiodarone	Benzactizine	Camphor	Clemastine	Desoximetasone
Aminoglycosides	Benzocaine	Candesartan	Clenbuterol	Detomidine
2-Aminoheptane	Benzocetamine	Capsaicin	Clibucaine	Devil's Claw
Aminophylline	Benzodiazepines	Captodiamide	Clidinium	Dexamethasone
Aminopyrine	Benzphetamine	Captopril	Clobazam	Dextromethorphan
Amisometradine	Benzthiazide	Carazolol	Clobetasol	Dextromoramide
Amisulpride	Benztropine	Carbachol	Clocapramine	Dextropropoxyphene
Amitraz	Benzylpiperazine	Carbamezapine	Clocortolone	Dezocine
Amitriptyline	Bepridil	Carbidopa + levodopa	Clodronate	Diamorphine
Amlodipine	Betamethasone	Carbinoxamine	Clofenamide	Diazepam
Amobarbital	Betaxolol	Carbromol	Clomethiazole	Diazoxide
Amoxapine	Bethanechol	Carfentanil	Clomipramine	Dibucaine
Amperozide	Bethanidine	Carisoprodol	Clonazepam	Dichloralphenazone
Amphetamines	Biperiden	Carphenazine	Clonidine	Dichlorphenamide
Amrinone	Biriperone	Carpipramine	Clorazepate	Diclofenac
Amylnitrite	Bisoprolol	Carprofen	Clormecaine	Dicumarol
Anileridine	Bitolterol	Carteolol	Clothiapine	Diethylpropion
Anilopam	Boldenone	Carticaine	Clotiazepam	Diethylthiambutene
Anisindione	Bretylium	Carvedilol	Clozazolam	Diflorasone
Anisotropine	Brimonidide	Cathinone	Clozapine	Diflucortolone

Appendix A. Prohibited Substances

Diflunisal	Ethamivan	Fluoresone	Hydralazine	Lithium
Digitoxin	Ethchlorvynol	Fluorometholone	Hydrochlorthiazide	Lobeline
Digoxin	Ethinamate	Fluoroquinolones:	Hydrocodone***	Lofentanil
Dihydrocodeine	Ethoheptazine	enrofloxacin	Hydrocortisone	Loflazepate
Dihydroergotamine	Ethopropazine	ciprofloxacin	Hydroflumethiazide	Loperamide
Dilorazepam	Ethosuximide	danofloxacin	Hydromorphone	Loprazolam
Diltiazem	Ethotoin	Fluoxetine	Hydroxyamphetamine	Loratidine
Dimeflin	Ethoxzolamide	Fluoxymesterone	Hydroxyzine	Lorazepam
Dimethisoquin	Ethyl Alcohol	Flupenthixol	Hyoscine	Lormetazepam
Dimethylglycine (DMG)	Ethylaminobenzoate	Fluphenazine	Ibomal	Losartan
Dimethylsulfoxide (DMSO)	Ethylestrenol	Flupirtine	Ibuprofen	Loxapine
Diphenadione	Ethylisobutrazine	Fluprednisolone	Ibutilide	LSD
Diphenhydramine	Ethylmorphine	Flurandrenolide	Iloprost	Mabuterol
Diphenoxylate	Ethylnorepinephrine	Flurazepam	Imipramine	Macrolide antibiotics:
Dipremorphine	Etidocaine	Flurbiprofen	Indomethacin	erythromycin
Dipyridamole	Etifofoxin	Fluspirilene	Infliximab	azithromycin
Dipyrrone	Etizolam	Fluticasone	Ipratropium	clarithromycin
Disopyramide	Etodolac	Flutoprazepam	Irbesarten	Magnesium sulfate
Divalproex	Etodroxizine	Fluvoxamine	Isapirone	Maprotiline
Dixyrazine	Etomidate	Formoterol	Isocarboxazid	Mazindol
Dobutamine	Etorphine HCl	Fosinopril (Fosinoprilat)	Isoetharine	Mebutamate
Dopamine	Eugenol	Fosphenytoin	Isoflupredone	Mecamylamine
Donepezil	Famotidine	Furosemide	Isomethadone	Meclizine
Doxacurium	Felbamate	Gabapentin	Isometheptene	Meclofenamic acid
Doxapram	Felodipine	Galantamine	Isopropamide	Meclofenoxate
Doxazosin	Fenarbamate	Gallamine	Isoproterenol	Medazepam
Doxefazepam	Fenbufen	Gamma aminobutyric acid (GABA)	Isosorbide dinitrate	Medetomidine
Doxepin	Fenclozic acid	Gamma-oryzanol*	Isoxicam	Medroxyprogesterone
Doxylamine	Fenfluramine	Gepirone	Isoxsuprine	Medrysone
Dromostanolone	Fenoldopam	Glaucine	Isradipine	Mefenamic acid
Droperidol	Fenoprofen	Glutethimide	Itraconazole	Meloxicam
Dyclonine	Fenoterol	Glycopyrrrolate	Kava kava	Melperone
Dyphylline	Fenspiride	Griseofulvin	Ketamine	Memantine
Edrophonium	Fentanyl	Guaifenesin**	Ketazolam	Menthol
Eletripan	Fentiazac	Guanadrel	Ketoconazole	Meparfynol
Eltenac	Fexofenadine	Guanethidine	Ketoprofen	Mepazine
Enalapril (enaloprit)	Firocoxib	Guanabenz	Ketorolac	Mepenzolate
Enciprazine	Flecainide	Halazepam	Labetalol	Meperidine
Endorphins	Floctafenine	Halcinonide	Lamotrigine	Mephenesin
Enkephalins	Fluanisone	Halobetasol	Lansoprazol	Mephenoxalone
Ephedrine	Flucinolone	Haloperidol	Laurel	Mephentermine
Epinephrine	Fludiazepam	Haloxazolam	Lavender	Mephentoin
Epoetin alfa	Fludrocortisone	Hemoglobin glutamers	Lemonalm	Mephobarbital
Ergonovine	Flufenamic acid	Heparin	Lenperone	Mepivacaine
Ergotamine	Flumethasone	Heroin	Leopard's Bane	Meprobamate
Erthrityl.tetranitrate	Flumethiazide	Hexafluorenum	Letosteine	Meralluride
Erythropoietin (EPO)	Flunarizine	Hexobarbital	Levallorphan	Merbapfen
Esmolol	Flunisolid	Hexocyclium	Levobunolol	Mercaptomerin
Esomeprazole	Flunitrazepam	Hexylcaine	Levomethorphan	Mercumalilin
Estazolam	Flunixin	Homatropine	Levorphanol	Mersalyl
Etamiphylline	Fluocinolone	Homophenazine	Levothyroxine	Mesalamine
Etanercept	Fluocinonide	Hops	Lidocaine	Mesoridazine
Ethacrynic acid	Fluopromazine	Holdenine	Lisinopril	Metaclozepam

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Metaproterenol	Mivacurium	Oxazolam	Phenicol:	Promazine
Metaraminol	Modafinil	Oxcarbazepine	chloramphenicol	Promethazine
Metaxalone	Moexipril	Oxprenolol	florfenicol	Propafenone
Metazocine	Mofebutazone	Oxybutynin	Phenindione	Propanidid
Methachloline	Molindone	Oxycodone	Phenmetrazine	Propantheline
Methadone	Mometasone	Oxymetazoline	Phenobarbital	Proparacaine
Methamphetamine	Montelukast	Oxymetholone	Phenoxybenzamine	Propentophylline
Methandrio	Moperone	Oxymorphone	Phenprocoumon	Propiomazine
Methandrostenolone	Morphine	Oxyperitine	Phensuximide	Propionylpromazine
Methantheline	Mosaprimine	Oxyphenbutazone	Phentermine	Propiram
Methapyrilene	Muscarine	Oxyphencyclimine	Phentolamine	Propofol
Methaqualone	Nabumetone	Oxyphenonium	Phenylbutazone	Propoxycaine
Metharbital	Nadolol	Pancuronium	Phenylephrine	Propoxyphene
Methazolamide	Naepaine	Pantoprazole	Phenylpropanolamine	Propranolol
Methcathinone	Nalbuphine	Papaverine	Phenytoin	Propylhexedrine
Methdilazine	Nalmefene	Paraldehyde	Physostigmine	Prothipendyl
Methixene	Nalorphine	Paramethadione	Picrotoxin	Protokylol
Methocarbamol	Naloxone	Paramethasone	Piminodine	Protriptyline
Methohexital	Naltrexone	Pargyline	Pimozide	Proxibarbital
Methotrexate	Nandrolone	Paroxetine	Pinazepam	Pseudoephedrine
Methotrimeprazine	Naphazoline	Passion Flower	Pindolol	Pyridostigmine
Methoxamine	Naproxen	Pemoline	Pipamperone	Pyrilamine
Methoxyphenamine	Naratriptan	Penicillins:	Pipecuronium	Pyrimethamine
Methscopolamine	Nedocromil	procaine penicillin G	Pipequaline	Quazipam
Methsuximide	Nefazodone	sodium penicilin G	Piperacetazine	Quetiapine
Methylatropine	Nefopam	potassium penicillin G	Piperocaine	Quinapril (Quinaprilat)
Methylchlorthiazide	Neostigmine	ampicillin	Pipotiazine	Quinidine
Methyldopa	Nicardipine	Penbutolol	Pipradrol	Rabeprazole
Methylergonovine	Nifedipine	Penfluridol	Piquindone	Racemethorphan
Methylphenidate	Niflumic acid	Pentaerythritol tetranitrate	Pirbuterol	Racemorphan
Methylprednisolone	Nightshade	Pentazocine	Pirenperone	Raclopride
Methylsulfonylmethane	Nikethamide	Pentobarbital	Pirenzapine	Ractopamine
Methyltestosterone	Nimesulide	Pentoxifylline	Piretanide	Ramipril (Ramiprilat)
Methyprylon	Nitazoxanide	Pentylene tetrazol	Piritramide	Ranitidine
Methysergide	Nitrazepam	Perazine	Piroxicam	Rauwolfia
Metiamide	Nimodipine	Perfluorodecolin	Polyethylene glycol	RedPoppy
Metoclopramide	Nitrazepam	Perfluorodecahydronophthalene	PolymixinB	Remifentanil
Metocurine	Nitrofurazone	Perfluorooctylbromid	Polythiazide	Remoxipride
Metolazone	Nitroglycerin	Perfluorotripropylamin	Ponazuril	Reserpine
Metomidate	Nizatidine	Perfluorocarbons	Pramoxine	Rifampin
Metopon	Norepinephrine	Periciazine	Prazepam	Rilmazafone
Metoprolol	Norethandrone	Perindopril	Prazosin	Risperidone
Metronidazole	Nortestosterone	Perlazine	Prednisolone	Ritanserin
Mexazolam	Nortriptyline	Perphenazine	Prednisone	Ritodrine
Mexilitine	Nylidrine	Phenacemide	Prethcamide	Rivastigmine
Mibefradil	Olanzapine	Phenaglycodol	Prilocaine	RizatRIPTAN
Midazolam	Olmesartan	Phenazocine	Primidone	Rocuronium
Midodrine	Olsalazine	Phencyclidin (PCP)	Probenecid	Rofecoxib
Milenperone	Omeprazole	Phendimetrazine	Procainamide	Romifidine
Milrinone	Orphenadrine	Phenelzine	Procaine	Ropivacaine
Minoxidil	Oxandrolone	Phenibut (B-phenyl gamma aminobutyric acid)	Procatamol	Salicylamide
Mirtazepine	Oxaprozin		Prochlorperazine	Salicylate
Misoprostel	Oxazepam		Procyclidine	Salmeterol

Appendix A. Prohibited Substances

Scopolamine	Theobromine	Tropicamide
Secobarbital	Theophylline	Tubocurarine (Curare)
Selegiline	Thialbarbital	Tybamate
Sertraline	Thiamine	Tyrosine
Sibutramine	Thiamylal	Urethane
Sildenafil	Thiethylperazine	Valerian
Skullcap	Thiopental	Valnoctamide
Snake Venoms	Thiopropazate	Valsartan
Sodium cacodylate	Thiopropazine	Vardenafil
Somatropin	Thioridazine	Vedaprofen
Somatrem	Thiosalicylate	Venlafaxine
Sotalol	Thiothixene	Verapride
Spiclomazine	Thiphenamil	Verapamil
Spiperone	Tiapride	Vercuronium
Spirapril (Spiraprilat)	Tiaprofenic acid	Vervain
Spironolactone	Tiletamine	Viloxazine
Stanozolol	Tiludronate	Vinbarbital
Strychnine	Timiperone	Vinylbital
Succinylcholine	Timolol	Warfarin
Sucralfate	Tocainide	Xylazine
Sufentanil	Tofisopam	Xylocaine
Sulfasalazine	Tolazoline	Yohimbine
Sulfonamides, potentiated:	Tolmetin	Yucca****
sulfamethoxazole/	Topirimate	Zafirlukast
sulfadiazine +	Torse mide	Zaleplon
trimethoprim	Tramadol	Zeranol
Sulfondiethylmethane	Trandolapril (trandolaprit)	Zileuton
Sulfonmethane	Tarka	Ziprasidone
Sulforidazine	Tranexamic acid	Zolazepam
Sulindac	Tranylcypromine	Zolmitriptan
Sulpiride	Trazodone	Zolpidem
Sultopride	Trenbolone	Zomepirac
Sumatriptan	Tretoquinol	Zonisamide
Tadalafil	Triamcinolone	Zopiclone
Talbutal	Triamterene	Zotepine
Tandospirone	Triazolam	Zuclopenthixol
Telmisartin	Tribromethanol	Zylkene
Temazepam	Trichlormethiazide	
Tenoxicam	Trichloroethanol	
Terazosin	Trichloethylene	
Terbutaline	Triclofos	
Terfenadine	Tridihexethyl	
Testolactone	Trifluomeprazine	
Testosterone	Trifluoperazine	
Tetrabenazine	Trifluoperidol	
Tetracaine	Triflupromazine	
Tetracyclines:	Trihexylphenidyl	
oxytetracycline	Trimeprazine	
doxycycline	Trimethadione	
Tetrahydrozoline	Trimethaphan	
Tetrazepam	Trimipramine	
THC	Tripelennamine	
Thebaine	Triprolidine	

* Gamma oryzanol: other than what naturally occurs in equine feeds such as rice, rice bran, and bran oils

** Guaifenesin: glycerol guaiacolate

*** Hydrocodone: dihydrocodienone

**** Yucca: other than as a feed additive for the purpose of and at the levels of ammonia reduction and intestinal health

Appendix B. Categories of Prohibited Substances

1. Anti-inflammatory drugs (steroidal and/or non-steroidal) or other substances that have similar pharmacological actions
2. Antipsychotic, anti-seizure, and antihypertensive substances
3. Antidepressants such as selective serotonin reuptake inhibitors, monoamine oxidase inhibitors and tricyclic antidepressants
4. Tranquilizers and sedatives including benzodiazepines and barbiturates
5. Antihistamines
6. Narcotics and opioid analgesics
7. Amphetamines and other central nervous system stimulants including cocaine and related psychotic drugs
8. Beta-blockers
9. Diuretics
10. Anabolic steroids and growth promoters
11. Peptides and genetically recombinant substances such as erythropoietin, or growth hormone
12. Hypersensitizing or desensitizing agents
13. Hormonal products (natural or synthesized) including progesterone and similar acting progestagens such as altrenogest (Regumate) used in mares to control estrus cycles
14. Pharmacological substances designed and marketed primarily for human use or use in other species and for which alternative and generally accepted products are available for use in horses
15. Oxygen carriers
16. Antibiotics
17. Antiprotozoal medications
18. Antifungal medications
19. Proton pump inhibitors and H2 receptor antagonists
20. Masking agents
21. Substances designed, marketed, and/or administered to affect the behavior of an equine in a calming (tranquilizing) or energizing (stimulating) manner. This is to include herbal products.
22. Local anesthetics
23. Sympathomimetic cardiac stimulants
24. Respiratory stimulants
25. Bronchodilators and products used for the treatment of recurrent airway disease, mucolytics and cough suppressants
26. Muscle relaxants
27. Anticoagulants
28. Anticholinergic substances
29. Laxatives
30. Topical agents, including ophthalmic, otic, dermal and wound ointments, and liniments
31. Topically applied isopropyl alcohol.
32. Any substance administered during competition by nasogastric tube or syringe/needle.
33. Acid neutralizers (e.g. Maalox, Neighlox).
34. Magnesium or thiamine for the purpose of and the levels of providing a calming/ tranquilizing effect.
35. Bisphosphonates
36. CBD Products
37. Shock-absorbing materials (e.g. pads, polymer gels, packing material) containing prohibited substances including anti-inflammatory or hardening agents may not be used during competition.

Appendix C. Allowed Substances

1. Vitamins
2. Minerals
3. Ice and ice water administered orally and/or topically
4. Anthelmintics (dewormers)
5. Probiotics
6. The following chondroprotective agents: glucosamine, chondroitin sulfate, polysulfated glycosaminoglycan, hyaluronate. Not to be administered by needle/syringe while in competition (see Appendix B item 32).
7. Vaccines and immunostimulants
There is insufficient information available to advise as to the timing of administration close to the time of competition.
8. Electrolytes, including buffered electrolytes, administered orally for the purpose of electrolyte supplementation.
9. Magnesium sulfate administered for the purpose of electrolyte supplementation.
10. Pergolide mesylate
11. Sunscreen labeled products on the head or hairless areas

Appendix D. Threshold Levels

Urinary thresholds refer to the parent drug and/or metabolite. (S = stallions; G = geldings; M = mares)

Acepromazine	25ng/ml	urine	Dipyrone	1,000ng/ml	plasma	Oxyphenbutazone	1,000ng/ml	plasma
Albuterol	1ng/ml	urine	Estradiol	45ng/ml	urine	Pentazocine	50ng/ml	urine
Arsenic	200ng/ml	urine	Firocoxib	20ng/ml	plasma	Phenylbutazone	1,000ng/ml	plasma
Atropine	10ng/ml	urine	Flumethasone	10ng/ml	urine	Prednisolone	1,000ng/ml	urine
Benzocaine	50ng/ml	urine	Flunixin (Banamine)	50ng/ml	plasma	Prednisone	100ng/ml	urine
Boldenone (S)	15ng/ml	urine	*Furosemide	100ng/ml	plasma	Procaine	50ng/ml	urine
BZE (Benzoylcegonine)	50ng/ml	urine	Hydrocortisone	1,000ng/ml	urine	Promazine	25ng/ml	urine
Betamethasone	60ng/ml	urine	Imipramine	20ng/ml	plasma	Pyrimilamine	50ng/ml	urine
Bupivacaine	5ng/ml	urine	Isoflupredone	60ng/ml	urine	Salicylates	750,000ng/ml	urine
Butorphanol	10ng/ml	urine	Isoxsuprine	1,000ng/ml	urine	Salicylic Acid	625,000ng/ml	urine
Caffeine	100ng/ml	plasma	Ketoprofen	20ng/ml	plasma		5,400ng/ml	plasma
	300ng/ml	urine	Lidocaine	50ng/ml	urine	Terbutaline	10ng/ml	urine
Clenbuterol	25pg/ml	plasma	Meclofenamic Acid	1,000ng/ml	plasma	Testosterone		
Dantrolene	100ng/ml	plasma	Mephensin	200ng/ml	plasma	(epitestosterone) (G)	20ng/ml	urine
Dexamethasone	60ng/ml	urine	Mepivacaine	10ng/ml	urine	Testosterone (M)	55ng/ml	urine
Diclofenac sodium	5ng/ml	plasma	Methocarbamol	1,000ng/ml	plasma	Tetramisole	80ng/ml	plasma
	100ng/ml	urine	Methoxytrimine	4,000ng/ml	urine	Theobromine	2,000ng/ml	urine
Dimethylsulfoxide (DMSO)			Methylprednisolone	1,000ng/ml	urine			
	15,000ng/ml	urine	Morphine	50ng/ml	urine			
	1,000ng/ml	plasma	Naproxen	5,000ng/ml	plasma			

*The threshold for furosemide applies only if the urine specific gravity is less than 1.010.

Appendix E. Known Detection Times for Substances Used Therapeutically in the Horse

	Therapeutic Indication	Typical Dose/ Route* for 1000 lb (450 kg) Horse	Elimination Half-Life	Detection Limit Source of Info.
TRANQUILIZERS/ SEDATIVES				
Acepromazine	Tranquilizer used for calming horses. Has no pain-relieving action	25 mg IV, IM; 30 mg IM 50 mg Orally	3 hr (IV) 6 hr (Orally)	36 hr (Canada), 120 hr (AAEP) 72 hr (Australia)
Butorphenol (Torbugesic®)	Sedative with pain-relieving action	5 mg/72 hr (Australia)	4 hr	72 hr (Canada)
Dantrolene (Dantrium®)	Muscle relaxant used in horses with myopathies ("tying-up")	1 g Orally	2 hr	36 hr (Canada)
Detomidine (Dormosedan®)	Sedative with pain-relieving action	5 g IV	1 hr	48 hr (Australia, FEI), 72 hr (CAN)
Guaifenesin	Muscle relaxant used in horses with myopathies ("tying-up")	2 g IV, Orally	1.5 hr	24 hr (Canada), 48 hr (Australia)
Methocarbamol (Robaxin®)	Muscle relaxant used in horses with myopathies ("tying-up")	5 g IV, Orally	1 hr	24 hr (Canada)
Romifidine (Sedivet®)	Sedative with pain-relieving action	30 mg IV	N/A**	48 hr (Australia)
ANTI-INFLAMMATORIES/ PAIN RELIEVERS				
Aspirin	Anti-inflammatory agent	11.7 g Orally	1 hr	24 hr (Canada)
Diclofenac sodium (Surpass®)	Applied topically as an anti-inflammatory agent	Five-inch ribbon of 1% cream applied twice daily for up to 10 days	N/A**	72 hr (Boehringer)
Dimethyl sulfoxide (DMSO)	Applied topically as an anti-inflammatory agent	19.8 g topically 450 mg IV	9 hr	36 hr (Canada), 72 hr (AAEP) 96 hr (AAEP)
Firocoxib (Equioxx)	COX-2 selective nonsteroidal anti-inflammatory used to treat musculoskeletal pain and lameness associated with osteoarthritis	0.09 mg/kg IV s.i.d. 5 days; 0.1 mg/kg PO s.i.d. 14 days; 57 mg PO s.i.d. 14 days	1.7 days	7 days
Flunixin meglumine (Banamine®)	Nonsteroidal anti-inflammatory drug used to treat colic, musculoskeletal pain and inflammation	450 mg IV, Orally	1.6 hr	72 hr (Canada), 72 hr (AUS) 15 days (ELISA-AAEP), 144hr (FEI)
Ketoprofen (Ketofen®)	Nonsteroidal anti-inflammatory drug used to treat colic, musculoskeletal pain and inflammation	1 g IV	1.5 hr	48 hr (Canada), 72 hr (Australia, AAEP), 96 hr (FEI)
Lidocaine	Local anesthetic	150 mg SC	1 hr	24 hr (Canada)
Meclofenamic acid (Arquel®)	Nonsteroidal anti-inflammatory drug used to treat colic, musculoskeletal pain and inflammation	1 g Orally	8 hr	48 hr (Canada), 72 hr (Australia)
Mepivacaine (Carbocaine®)	Local anesthetic	300 mg SC, IA	3 hr	48 hr (Canada, Australia, FEI)
Naproxen (Equiproxen, Aleve®)	Nonsteroidal anti-inflammatory drug used to treat colic, musculoskeletal pain and inflammation	2 g Orally	4 hr	120 hr (Canada)
Phenylbutazone ("Bute")	Nonsteroidal anti-inflammatory drug used to treat colic, musculoskeletal pain and inflammation	1-2 g IV or Orally	11 hr	96 hr (Canada), 120 hr (Australia), 168 hr (FEI)
Procaine penicillin G	Procaine decreases pain of intramuscular penicillin	Dosage varies	10 hr	425 hr (Canada)
CORTICOSTEROIDS				
Betamethasone (Betasone®, Celestone®)	Anti-inflammatory; allergic reactions	35 mg IM	N/A	24 hr Canada, >7 days (Australia)
Dexamethasone (Azium®)	Anti-inflammatory; allergic reactions	25 mg IV, IM 10 mg Orally	4 hr	24 hr (Canada), 48 hr (Australia) 144 hr (ELISA - AAEP)
Flumethasone (Flucort®)	Anti-inflammatory; allergic reactions	5 mg IV, IM	N/A	24 hr (Canada)
Isoflupredone (Predef.2X®)	Anti-inflammatory; allergic reactions	24 mg IM	N/A	48 hr (Canada)
Methylprednisolone acetate (Depo-Medrol®)	Anti-inflammatory; allergic reactions	200 mg IA, IM	9 days	96 hr (Canada), 222 hr (ELISA- AAEP), > 45 days.(Australia)
Prednisolone	Anti-inflammatory; allergic reactions	150 mg IV	1.65 hr	24 hr (Canada)
Prednisone	Anti-inflammatory; allergic reactions	1gram Orally	2 hr	24 hr (Canada)
Triamcinolone (Vetalog®)	Anti-inflammatory; allergic reactions	24 mg IM	2 hr	24 hr (Canada),15 days (Australia)

Appendix E. (cont'd)

MISCELLANEOUS DRUGS				
Aminophylline	Opens airways in horses with "heaves"	1.5 g IV	N/A	96 hr (Canada)
Clenbuterol (Ventipulmin®)	Opens airways in horses with "heaves"	0.4 mg Orally	N/A	72 hr (Canada)
Dembrexine (Sputolysin®)	Expectorant in horses with "heaves"	150 mg Orally	N/A	72 hr (Canada)
Diphenhydramine (Benadryl®)	Antihistamine	500 mg Orally	N/A	48 hr (Canada)
Isoxuprine	Dilates blood vessels, used for treatment of navicular disease	300 mg Orally	3 hr	36 hr (Canada), weeks-months (ELISA - AAEP)
Omeprazole (GastroGard®, UlcerGard®)	Proton pump inhibitor used for the treatment of esophagitis, erosive gastritis and gastric ulcers	4 mg/kg once daily Orally (therapeutic) 1 mg/kg once daily Orally (preventive)	N/A N/A	24 hr (Merial)
Pergolide (Prascend®)	PPID (Cushings) therapy	1 mg once daily Orally		7 da (USEF)
Theophylline	Opens airways in horses with "heaves"	6 g Orally	N/A	>7 da (Australia)

* IV – Intravenous; IM – Intramuscular; SC – Subcutaneous; IA – Intra-articular; PO – Per Os/ Oral; ** No information available

Appendix F. Prohibited Treatments

- Acupuncture, or any procedure involving the insertion of a needle into the equine.
- Osseous manipulation (chiropractic).
- Any manipulative using an external device or instrument such as devices to manipulate or stimulate acupressure or response points, including but not limited to bioscans, laser lights, magnetic stimulation, AcuLife patches or similar products.
- Any procedure involving the placement of a tube or other instrument into the equine (other than the oral cavity using a dosing syringe, see Appendix G item 4) for the purpose of administering a substance or to stimulate a response.
- Extracorporeal Shockwave therapy or similar device to produce a temporary or permanent analgesia. This would also include radiofrequency (RF) neurectomy. Extracorporeal shockwave therapy is not permitted within 7 days of competition.
- Any external magnetic field device or electro-pulse generator device applied either over the entire body or specifically on pressure points. This would include but not be limited to P3 machines.
- Administration of a local anesthetic, either topical, injectable or oral, to any part of the horse or any procedure that results in desensitization of any part of the equine.
- Pinfiring/pinfreezing - visible, active, open lesions from such a procedure would prohibit a horse from competition.
- Devices that circulate ice water, cool below 0 degrees Celsius, or provide compression.
- Kinesiology taping.
- Equivibe and similar whole body vibration devices.

Appendix G. Allowable Treatments

- Massage, deep massage/acupressure using digital (hand/finger) pressure only.
- The use of instruments commonly known as grooming instruments.
- The use of ice boots and other means of applying ice/ice water cooling packs topically by various attachment methods whose primary function is to stabilize the ice/cooling method in place.
- The oral administration of permitted substances by means of a dosing syringe.
- Healed scars from pinfiring are allowed.

Appendix H. Comparison with AERC

Substance/ Treatment	Allowed in AERC	Allowed in NATRC
Progesterone/ Progestagens/ Altrenogest (Regumate)	Yes	No
Topical agents, including ophthalmic, otic, dermal and wound ointments, and liniments	Yes - If they do not contain any prohibited substance	No
Topically applied isopropyl alcohol	Yes	No
Acid neutralizers including aluminum hydroxide (Maalox, Neighlox)	Yes	No
Ice boots and other means of applying ice/ ice water topically	Yes	Yes
Ice and ice water used in devices that circulate ice water	Yes	No
Ice and ice water used in device that cool below 0 degrees Celsius	No	No