

# **HYDERABAD RACE CLUB RACING CALENDAR (MEDICATION RULES)**

## **MEDICATION AND TREATMENT OF HORSES IN TRAINING AND RACING AND ANTI-DOPING CONTROL w.e.f. 1<sup>st</sup> April 2020**

**In super session of the Racing Calendar Notification Dt 20th June 2019 the following Medication Rules shall be in force.**

# **MEDICATION AND TREATMENT OF HORSES IN TRAINING AND RACING AND ANTI-DOPING CONTROL**

The Board of Stewards, Hyderabad Race Club, decided to formulate the following Rules pertaining to the MEDICATION AND TREATMENT OF HORSES IN TRAINING AND RACING AND ANTI-DOPING CONTROL (appearing in the Racing Calender) as follows:

**These Rules shall be effective from 1<sup>st</sup> April 2020**

## **TURF AUTHORITIES OF INDIA**

### **MEDICATION RULES FOR HORSES IN TRAINING AND RACING**

#### **Objectives of Medication Rules:**

The objectives are:

1. To protect the welfare of race horses
2. To protect the integrity of horse racing
3. To ensure fair competition and transparency
4. To protect the breed

Under the Medication Rules, Racing Authorities will at their discretion, carry out testing for prohibited substances at any time in the career of any horse, from the commencement of training till retirement. The urine and / or blood samples will be collected for analysis as post race samples, random samples in training. Collection of samples from horses arriving from other racing centers for racing, as well as returning after racing and horses returning from out of training/ competition shall be at the discretion of the respective Race Clubs.

THE PRACTICES WHICH WILL BE CONSIDERED AS BREACH OF RULES FOR “MEDICATION CONTROL FOR HORSES IN TRAINING AND RACING” ARE IN

CONSISTENT WITH THE ARTICLE 6 OF THE INTERNATIONAL AGREEMENT ON BREEDING, RACING AND WAGERING OF IFHA, for which India is a signatory country.

However, the Rules of Medication are not intended to discourage the proper veterinary treatment of sick racehorses if such treatment would not threaten any of the objectives. International harmonization for the control of certain therapeutic substances has been achieved through the application of International Screening Limits and information is provided on the observed Detection Times corresponding to these screening limits for drugs after they have been administered to horses at the reported dose rates. However, veterinary surgeons using this information should be aware of its limitations, as the detection time can vary from horse to horse.

## **MEDICATION RULES**

### **RULE No. 1**

These Rules shall come into operation on the first day of April 2020, and any other Rules of Racing repugnant to or inconsistent with these Rules shall be annulled as from that day, but such annulment shall not:-

- (a) affect the previous operation of any Rule so annulled or anything duly done or suffered thereunder; or
- (b) affect any right, privilege, obligation, or liability acquired, accrued, or incurred under any Rule so annulled; or
- (c) affect any penalty or disqualification incurred in respect of any offence committed against any Rule so annulled; or
- (d) affect any investigation, proceeding; or remedy in respect of any such right, privilege, obligation, liability, or penalty as foresaid.

### **RULE No. 1A**

These Rules:

- (a) apply to all races held under the management or control of the Six Turf Clubs of India together constituting the Turf Authorities of India (TAI);
- (b) together with the **Racing Calender** shall all be read and construed as the **Medication Rules** of the Six Turf Clubs and apply to all races held under the management or control of the TAI.

### **RULE No. 2**

Any person who takes part in any matter or race meeting coming within the Rules of Racing agrees to be bound by and comply with them.

### **RULE No. 3**

A person breaches these Rules if:-

- (a) a Rule expressly provides as such;
- (b) the person is required to do something under a Rule but does not do it;

(c) the person is prohibited from doing something under a Rule but does it.

**RULE No. 4** If a person breaches any of these Rules the person may be penalised, regardless of whether or not the Rule expressly provides that the person may be penalised.

**RULE No. 5**

The Board of Stewards/Directors appointed in accordance to the Rules of Racing of the Hyderabad Race Club shall have the power without being liable for any damages in consequence of the exercise of such powers as laid down in rule 5 (a) & (b): -

- (a) to take or cause to be taken, at any time, any sample from any horse and to make or cause to be made any test or analysis to determine whether any prohibited or illicit substance is present in the system of the horse;
- (b) to take possession on the premises of the Race Club or elsewhere of any horse, whether dead or alive and to detain and/or remove such horse in order to have conducted whatever test and/or examinations as they think necessary.

**RULE No. 6**

Only Veterinarians, duly approved by The Board of Stewards, Hyderabad Race Club are permitted to administer medicines. Except for such Veterinarians, it is forbidden for any other person to bring a syringe or a hypodermic needle where racehorses are sheltered.

**RULE No. 7**

**PROHIBITED SUBSTANCES:** Prohibited Substances are substances capable at any time of causing an action or effect, or both an action and effect, within one or more of the following mammalian body systems:

- 1. The Nervous system;
- 2. The Cardiovascular system;
- 3. The Respiratory system;
- 4. The Digestive system;
- 5. The Urinary system;
- 6. The Reproductive system;
- 7. The Musculoskeletal system;
- 8. The Blood system;
- 9. The Immune system except for licensed vaccines against infectious agents;
- 10. The Endocrine system;

**RULE No. 7A**

**Prohibited** Substances falling within, but not limited to, the following:

- 1. acidifying agents;
- 2. adrenergic blocking agents;
- 3. adrenergic stimulants;
- 4. agents affecting calcium and bone metabolism;
- 5. agents that directly or indirectly affect or manipulate gene expression
- 6. alcohols;
- 7. alkalinising agents;
- 8. anaesthetic agents;

9. analgesics;
10. antiangina agents;
11. antianxiety agents;
12. antiarrhythmic agents;
13. anticholinergic agents;
14. anticoagulants;
15. anticonvulsants;
16. antidepressants;
17. antiemetics;
18. antifibrinolytic agents;
19. antihistamines;
20. antihypertensive agents;
21. anti-inflammatory agents;
22. antinauseants;
23. antineoplastic agents;
24. antipsychotic agents;
25. antipyretics;
26. antirheumatoid agents;
27. antispasmodic agents;
28. antithrombotic agents;
29. antitussive agents;
30. blood coagulants;
31. bronchodilators;
32. bronchospasm relaxants;
33. buffering agents;
34. central nervous system stimulants;
35. cholinergic agents;
36. corticosteroids;
37. depressants;
38. diuretics;
39. endocrine secretions and their synthetic counterparts
40. erectile dysfunction agents;
41. fibrinolytic agents;
42. haematopoietic agents;
43. haemostatic agents;
44. hormones (including trophic hormones) and their synthetic counterparts;
45. hypnotics;
46. hypoglycaemic agents;
47. hypolipidaemic agents;
48. immunomodifiers;
49. masking agents;
50. muscle relaxants;
51. narcotic analgesics;
52. neuromuscular agents;
53. oxygen carriers
54. plasma volume expanders;
55. respiratory stimulants;
56. sedatives;
57. stimulants;
58. sympathomimetic amines;
59. tranquillisers;
60. vasodilators;

- 61.vasopressor agents;  
62.vitamins administered by injection; and

**RULE No. 7 B:**

Shall include metabolites, artefacts and isomers of the prohibited substances described in 7 and 7A.

**RULE No. 8:**

THE FOLLOWING SUBSTANCES AT OR BELOW THE SHOWN LEVELS RESPECTIVELY SET OUT ARE EXEMPT FROM THE PROVISIONS OF RULE No. 7.

Threshold name	Threshold Levels
Arsenic	0.3 microgram total arsenic per millilitre in urine
Boldenone	0.015 micrograms free and conjugated boldenone per millilitre in urine from male horses (other than geldings)
Carbon dioxide	36 millimoles available carbon dioxide per litre in plasma
Cobalt	0.1 microgram total cobalt per millilitre in urine 0.025 microgram total cobalt (free and protein bound) per ml in plasma.
Dimethyl sulphoxide	15 micrograms dimethyl sulphoxide per millilitre in urine, or 1 microgram dimethyl sulphoxide per millilitre in plasma
Estranediol in male horses (other than geldings)	0.045 microgram free and glucuroconjugated 5 $\alpha$ -estrane-3 $\beta$ , 17 $\alpha$ -diol per millilitre in urine when, at the screening stage, the free and glucuroconjugated 5 $\alpha$ -estrane-3 $\beta$ , 17 $\alpha$ -diol exceeds the free and glucuroconjugated 5,10 estrane-3 $\beta$ , 17 $\alpha$ -diol in the urine
Hydrocortisone	1 microgram hydrocortisone per millilitre in urine
Methoxytyramine	4 micrograms free and conjugated 3-methoxytyramine per millilitre in urine
Salicylic acid	750 micrograms salicylic acid per millilitre in urine, or 6.5 micrograms salicylic acid per millilitre in plasma
Testosterone	0.02 microgram free and conjugated testosterone per millilitre in urine from geldings, or 100 picograms free testosterone per millilitre in plasma from geldings, fillies and mares (unless in foal), or 0.055 microgram free and conjugated testosterone per millilitre in urine from fillies and mares (unless in foal)
Prednisolone	0.01microgram free prednisolone per millilitre in urine

*N.B: The conjugated substance is the substance that can be liberated from conjugates. Each threshold, including those for the same substance in urine and plasma, can be applied independently.*

Thresholds are regulatory limits and the numerical values expressed above do not carry any implied precision (e.g., 0.3 is the same 0.300). Whether a threshold has been exceeded or not in a sample is established solely from the concentration determined and the uncertainty of measurement associated with such determination

These will be regularly updated by The Board of Stewards/Directors, Hyderabad Race Club. The new threshold levels will only apply after the Board of Stewards/ Director of Hyderabad Race Club have duly ratified and notified the changes.

For any finding of a prohibited substance, the Horse Racing Authority may decide either itself or at the Owner's or Trainer's request to examine the horse further.

**NOTE: Cobalt threshold values**

- i) The threshold levels for Cobalt were determined following an international survey of cobalt concentrations in racehorses on race days.
- ii) A normal racing diet is more than sufficient to meet a horse's nutritional requirements for cobalt and vitamin B12; neither cases of cobalt deficiency nor disease for which cobalt is the indicated treatment have been documented in the horse.
- iii) From evidence to date, as a guide, no more than 1 mg of cobalt from a single dose may be given by injection and no more than 5 mg by mouth within 3 days preceding race day. Local Rules regarding administration of Prohibited Substances in the period leading up to and including race day must be noted.
- iv) Injectable cobalt supplements offer no nutritional advantages because incorporation of cobalt into the vitamin B12 molecule occurs within the horse's gut.
- v) Trainers should consult with their veterinarians to ensure that their oral supplementation regimen provides only the amount of cobalt necessary to meet the scientifically established nutritional requirements of the horse for cobalt. The safest strategy is the selection of supplements with low amounts of cobalt, or not to use them at all.
- vi) Nutritional supplements should only be administered at the manufacturer's recommended dose and frequency of dosing. The labels of such products should be read carefully every time that they are used.
- vii) Many products have not been evaluated to determine if they affect cobalt concentration in the horse. The use of unregistered, inadequately labelled supplements containing cobalt risk breaching the thresholds and is extremely unwise.

**RULE No. 9 :**

Subject to Rule 8, if a horse is brought to a racecourse and a Prohibited Substance is detected in a sample taken from the horse prior to on race day or following its running in any race, the horse must be disqualified from any race in which it started on that day.

**RULE No. 10 :**

Subject to Rule 8, if a horse is brought to a racecourse for the purpose of participating in a race and a Prohibited Substance is detected in a sample taken from the horse prior to on race day or following its running in any race, the trainer and/or any other person who was in charge of the horse at any relevant time breaches these Rules and may be penalized.

**RULE No. 11 :**

If a horse is brought to a racecourse or recognised training track to participate in:

- (a) an official trial, or

- (b) any other test, for the purpose of obtaining a permit to start in a race (whether after suspension or otherwise), and a Prohibited Substance is detected in a sample taken from the horse prior to or following the relevant event, the trainer and/or any other person who was in charge of the horse at any relevant time breaches these Rules and may be penalised.

#### **RULE No. 12 :**

Any person who administers, or causes to be administered, to a horse any prohibited substance:-

- (i) for the purpose of affecting the performance or behaviour of a horse in a race or of preventing it's starting in a race; or
- (ii) which is detected in any sample taken from such horse prior to on race day or following the running of a race breaches these Rules and may be penalized.

#### **RULE No. 13 :**

Any person committing a breach of any of the practices mentioned below will be guilty of an offence under these Rules and shall be liable to penalty under these Rules. The practices mentioned below are indicative and not exhaustive rule 13 (a) to (i) :-

- (a) The use of any unapproved object, device, behavioural activity, or chemical to achieve an inappropriate response, at any time during training or racing;
- (b) Subjecting horses to medical or surgical procedures outside of a valid and transparent Owner-Trainer-Veterinarian relationship and those inconsistent with providing medical and / or welfare benefits to the horse;
- (c) Use of physical or veterinary procedures or medication treatments to mask the effects or signs of injury so as to allow training or racing to the detriment of the horse's health and welfare;
- (d) Practices that are fraudulent, potentially fraudulent or may have adverse consequences for the integrity of the industry;
- (e) Withdrawal, manipulation and re-infusion of homologous, heterologous, or autologous, blood products or blood cells into the circulatory system with the exception of those performed for lifesaving purposes or the use of veterinary regenerative therapies for the treatment of musculoskeletal injury or disease;
- (f) All treatments are the responsibility of the Trainer and must be administered under veterinary supervision. All treatments must be administered in the best interests of the horse and not to facilitate the continuation of training. In the case of substances controlled by Government regulation, these may only be administered by, or on the prescription of, an Approved Veterinarian;
- (g) Any practice which jeopardizes the health and welfare of the horse and the integrity of the industry;
- (h) An act of cruelty to a horse, or be in possession of any article or thing which, in the opinion of the Stewards, is capable of inflicting cruelty to a horse; and
- (i) Fails at any time:-
  - (a) to exercise reasonable care, control or supervision of the horse so as to prevent an act of cruelty to the horse;



- (b) to take such reasonable steps as are necessary to alleviate any pain inflicted upon or being suffered by the horse;
- (c) to provide veterinary treatment to the horse where such treatment is necessary for the horse;
- (d) to provide proper and sufficient nutrition for the horse.

#### **RULE No. 14 : ILLICIT SUBSTANCES**

For the purpose of these Rules, Illicit Substances means any substances which are prohibited and which have no legitimate use in horses and have high potential for abuse. The following substances are specified as Illicit Substances:

- (1) erythropoiesis-stimulating agents, including but not limited to erythropoietin (EPO), epoetin alfa, epoetin beta, darbepoetin alfa, and methoxy polyethylene glycol-epoetin beta (Mircera); Asialo EPO, ARA-290 and CNTO 530.
- (2) non-erythropoietic EPO-receptor agonists;
- (3) hypoxia-inducible factor (HIF) stabilisers, including but not limited to FG4592 (Roxadustat, which increases endogenous production of erythropoietin ;
- (4) HIF activators, including but not limited to argon and xenon;
- (5) allosteric effectors of haemoglobin, including but not limited to ITPP (myo-inositol trispyrophosphate);
- (6) oxygen carriers including but not limited to perfluorochemicals, efaproxiral and modified haemoglobin products; Perfluorodecahydronophthalene, Perfluorocarbons, Perfluorodecolin, Perfluorooctylbromide, Perfluorotripropylamin
- (7) Haematopoietic growth factors, including but not limited to filgrastim;
- (8) Insulins;
- (9) Growth hormones and their releasing factors e.g. Somatropin;
- (10) Insulin-like growth factor;
- (11) Synthetic proteins and peptides and synthetic analogues of endogenous proteins and peptides not registered for medical or veterinary use;
- (12) Corticotrophins, including adrenocorticotrophic hormone (ACTH) and tetracosactrin, (tetracosactide), and corticotrophin releasing factors;
- (13) anabolic agents including  $\beta$ 2 agonists (unless the substance is prescribed by a Veterinarian as a bronchodilator at the appropriate dose,) and anabolic androgenic steroids (other than an anabolic androgenic steroid which is present at or below the relevant concentrations set out in Rule 8);
- (14) selective androgen receptor modulators (SARMS); ex: Andarine, Ligandrol, Ostarine, Testolone
- (15) selective estrogen receptor modulators (SERMS); Letrozole
- (16) selective opioid receptor modulators (SORMS);

- (17) peroxisome proliferator activated receptor  $\delta$  (PPAR $\delta$ ) agonists, including but not limited to GW 1516;
- (18) AMPK activators, including but not limited to AICAR (5-amino-1-  $\beta$ -D-ribofuranosylimidazole-carboxamide);
- (19) other agents that directly or indirectly affect or manipulate gene expression;
- (20) agents modifying myostatin function, including but not limited to myostatin inhibitors;
- (21) thymosin beta;
- (22) venoms of any species or derivatives thereof;
- (23) zoledronic acid and any other bisphosphonate drugs not registered for veterinary use; like Clodronate, tiludronate.
- (24) dermorphin or preparation containing Dermorphin;
- (25) Carolina Gold (One of the principle constituents of this product is GABA Aminobutyric acid: -GABA an inhibitory neuro transmitter); and
- (26) metabolites, artifacts and isomers of any of the substances specified above (from 1 to 26)
- (27) Cardarine (GW-501516),
- (28) The illicit substances also include DEA Schedule I, DEA Schedule II drugs and Anabolic Steroids and Sex hormones as listed below.

**The following are considered as Illicit Substances apart from those which have already been listed above under Rule No.14**

**This list is only illustrative in nature and not exhaustive and is subject to further Amendments / Additions / Alterations.**

### **LIST OF ILLICIT SUBSTANCES**

#### **DEA Schedule - I**

Schedule I drugs, substances, or chemicals are defined as drugs with no currently accepted medical use and a high potential for abuse. Some examples of Schedule I drugs are:

Substance	DEA Number	Non Narcotic	Other names
1-(1-Phenylcyclohexyl)pyrrolidine	7458	N	PCPy, PHP, rolicyclidine
1-(2-Phenylethyl)-4-phenyl-4-acetoxypiperidine	9663		PEPAP, synthetic heroin
1-[1-(2-Thienyl)cyclohexyl]piperidine	7470	N	TCP, tenocyclidine
1-[1-(2-Thienyl)cyclohexyl]pyrrolidine	7473	N	TCPy
1-Methyl-4-phenyl-4-propionoxypiperidine	9661		MPPP, synthetic heroin
2,5-Dimethoxy-4-ethylamphetamine	7399	N	DOET
2,5-Dimethoxyamphetamine	7396	N	DMA, 2,5-DMA
3,4,5-Trimethoxyamphetamine	7390	N	TMA
3,4-Methylenedioxyamphetamine	7400	N	MDA, Love Drug
3,4-Methylenedioxymethamphetamine	7405	N	MDMA, Ecstasy, XTC
3,4-Methylenedioxy-N-ethylamphetamine	7404	N	N-ethyl MDA, MDE, MDEA
3-Methylfentanyl	9813		China White, fentanyl

3-Methylthiofentanyl	9833		Chine White, fentanyl
4-Bromo-2,5-dimethoxyamphetamine	7391	N	DOB, 4-bromo-DMA
4-Bromo-2,5-dimethoxyphenethylamine	7392	N	Nexus, 2-CB, has been sold as Ecstasy, i.e. MDMA
4-Methoxyamphetamine	7411	N	PMA
4-Methyl-2,5-dimethoxyamphetamine	7395	N	DOM, STP
4-Methylaminorex (cis isomer)	1590	N	U4Euh, McN-422
Substance	DEA Number	Non Narcotic	Other names
5-Methoxy-3,4-methylenedioxyamphetamine	7401	N	MMDA
Acetorphine	9319		
Acetyl-alpha-methylfentanyl	9815		
Acetyldihydrocodeine	9051		Acetylcodone
Acetylmethadol	9601		Methadyl acetate
Allylprodine	9602		
Alphacetylmethadol except			
levo-alpha-cetylmethadol	9603		
Alpha-Ethyltryptamine	7249	N	ET, Trip
Alphameprodine	9604		
Alphamethadol	9605		
Alpha-Methylfentanyl	9814		China White, fentanyl
Alpha-Methylthiofentanyl	9832		China White, fentanyl
Aminorex	1585	N	has been sold as methamphetamine
Benzethidine	9606		
Benzylmorphine	9052		
Betacetylmethadol	9607		
Beta-Hydroxy-3-methylfentanyl	9831		China White, fentanyl
Beta-Hydroxyfentanyl	9830		China White, fentanyl
Betameprodine	9608		
Betamethadol	9609		
Betaprodine	9611		
Bufotenine			
Cathinone	1235	N	Constituent of "Khat" plant
Clonitazene	9612		
Codeine methylbromide	9070		
Codeine-N-oxide	9053		
Cyprenorphine	9054		
Desomorphine	9055		
Dextromoramide	9613		Palfium, Jetrium, Narcolo
Diampromide	9615		
Diethylthiambutene	9616		
Diethyltryptamine	7434	N	DET
Difenoxin	9168		Lyspafen
Dihydromorphine	9145		
Dimenoxadol	9617		
Dimepheptanol	9618		
Dimethylthiambutene	9619		

Dimethyltryptamine	7435	N	DMT
Dioxaphetyl butyrate	9621		
Dipipanone	9622		Dipipan, phenylpiperone HCl, Diconal, Wellconal
Drotebanol	9335		Metebanyl, oxymethebanol
Ethylmethylthiambutene	9623		
Substance	DEA Number	Non Narcotic	Other names
Etonitazene	9624		
Etorphine (except HCl)	9056		
Etoxidine	9625		
Fenethylamine	1503	N	Captagon, amfetyline, ethyltheophylline, amphetamine
Furethidine	9626		
Gama Hydroxybutyric Acid (GHB)	2010	N	GHB, gamma hydroxybutyrate, sodium oxybate
Heroin	9200		Diacetylmorphine, diamorphine
Hydromorphanol	9301		
Hydroxypethidine	9627		
Ibogaine	7260	N	Constituent of "Tabernanthe iboga" plant
Ketobemidone	9628		Cliradon
Levomoramide	9629		
Levophenacymorphan	9631		
Lysergic acid diethylamide	7315	N	LSD, lysergide
Marijuana	7360	N	Cannabis, marijuana
Mecloqualone	2572	N	Nubarene
Mescaline	7381	N	Constituent of "Peyote" cacti
Methaqualone	2565	N	Quaalude, Parest, Somnafac, Opitamil, Mandrax
Methcathinone	1237	N	N-Methylcathinone, "cat"
Methylodesorphine	9302		
Methyldihydromorphan	9304		
Morpheridine	9632		
Morphine methylbromide	9305		
Morphine methylsulfonate	9306		
Morphine-N-oxide	9307		
Myrophine	9308		
N,N-Dimethylamphetamine	1480	N	
N-Ethyl-1-phenylcyclohexylamine	7455	N	PCE
N-Ethyl-3-piperidyl benzilate	7482	N	JB 323
N-Ethylamphetamine	1475	N	NEA
N-Hydroxy-3,4-methylenedioxymphetamine	7402	N	N-hydroxy MDA
Nicocodeine	9309		
Nicomorphan	9312		Vilan
N-Methyl-3-piperidyl benzilate	7484	N	JB 336
Noracymethadol	9633		
Norlevorphanol	9634		

Normethadone	9635		Phenyldimazone
Normorphine	9313		
Norpipanone	9636		
Para-Fluorofentanyl	9812		China White, fentanyl
<b>Substance</b>	<b>DEA Number</b>	<b>Non Narcotic</b>	<b>Other names</b>
Parahexyl	7374	N	Synhexyl,
Peyote	7415	N	Cactus which contains mescaline
Phenadoxone	9637		
Phenampramide	9638		
Phenomorphan	9647		
Phenoperidine	9641		Operidine, Lealgin
Pholcodine	9314		Copholco, Adaphol, Codisol, Lantuss,
Pholcolin			
Piritramide	9642		Piridolan
Proheptazine	9643		
Properidine	9644		
Propiram	9649		Algeril
Psilocybin	7437	N	Constituent of "Magic mushrooms"
Psilocyn	7438	N	Psilocin, constituent of "Magic mushrooms"
Racemoramide	9645		
Tetrahydrocannabinols	7370	N	Cannabidiol, THC, Delta-8 THC, Delta-9 THC & others
Thebacon	9315		Acetylhydrocodone, Acedicon,
Thebacetyl			
Thiofentanyl	9835		Chine white, fentanyl
Tilidine	9750		Tilidate, Valoron, Kitadol, Lak, Tilsa
Trimeperidine	9646		Promedolum

### DEA Schedule – II

Schedule II drugs, substances, or chemicals are defined as drugs with a high potential for abuse, with use potentially leading to severe psychological or physical dependence.

<b>Drug Name</b>	<b>Trade Name</b>
1-Phenylcyclohexylamine	Precursor of PCP
1-Piperidinocyclohexylamine	PCC, Precursor of PCP, Exanecarbonitrile
Alfentanil	Alfenta
Alphaprodine	Nisentil
Amobarbital	Amytal, Tuinal
Amphetamine	Dexedrine, Biphedamine
Anileridine	Leritine
Benzoylcegonine	Cocaine Metabolite
Bezitamide	Burgodin

Carfentanil	Wildnil
Coca Leaves	
Cocaine	Methylbenzovlecaonine Crack
Codeine	Morphine Methyl ester, Methymorphine
Dextropropoxyphene	bulk 9 non-osage forms Propoxyphene
<b>Drug Name</b>	<b>Trade Name</b>
Dihydrocodeine	Didrate, Parzone
Diphenoxylate	
Diprenorphine	M50-50
Ecgonine	Cocaine Precursor in Coca Leaves
Ethylmorphine	Dionin
Etorphine HCl	M99
Fentanyl	Innovar, Sublimaze, Duragesic
Glutethimide	Doriden, Dorimide
Hydrocodone	Dihydrocodeinone
Hydromorphone	
Isomethadone	Isoamidone
Levo-alphaacetylmethadol	LAAM, Long acting Methadone Levomethadyl acetate
Levomethorphan	
Levorphanol	Levo-Dromoran
Meperidine	Demerol, mepergan, Pethidine
Meperidine Intermediate-A	Meperidine Precursor
Meperidine Intermediate-B	Meperidine Precursor
Meperidine Intermediate-C	Meperidine Precursor
Metazocine	
Methadone	Dolophine, Methadose, Amidone
Methadone intermediate	Methadone Precursor
Methamphetamine	Desoxyn, D-desoxyephedrine, ICE, Crank, Speed
Methylhexamine (Methylhexaneamine)	Geranamine
Methylphenidate	Ritalin
Metopon (methyldihydromorphinone)	

**NOTE:** **Reserpine** or any preparation containing Reserpine shall not be permitted to be brought or used by any person, including Veterinarians, within the premises of the Race Club. Any contravention of this by any person shall render such person liable to such disciplinary action that the Stewards may deem fit.

#### **LIST OF ANABOLIC STEROIDS/ SEX HORMONES, ETC.,**

<b>Drug Name</b>	<b>Trade Name</b>
Altrenogest	
Aminoglutethimide	
Androgens	
1-Androstenedione	
Androstenediol	
Bolandioli	
Bolasterone	
Boldenone	Equipose
Boldione	

Calusterone	Methosorb
Clomiphene	
Clostebol	
Cyclofenil	
<b>Drug Name</b>	<b>Trade Name</b>
Danazol	Danocrine
Dehydrochloromethyltestosterone	
Desoxymethyltestosterone	
Dihydrotestosterone (17 $\beta$ -hydroxy-5 $\alpha$ - pha androstan-3-one)	
Dromostanolone	Drolban
Drostanolone	
Epitrenbolone	
Estradiol	
Estrogens	
Exemestane	
Ethylestrenol	Maxibolin, Organon
Fluoxymesterone	Halotestin
Flumesterone (Fluoxymesterone)	
Fornebolone	
Furazabol	
Gestrinone	
4-hydroxytestosterone	
Mestanolone	
Mesterolone	
Methandienone	
Methandriol (Methylandrostenediol)	Probolis
Methandrostenolone	Dianobal
Methasterone	
Methenolone	Primobolan
Methyl-1-testosterone	
Methyldienolone	
Methylnortestosterone (Trestolone)	
Methyltestosterone	Metandren
Metribolone	
Mibolerone	
Nandrolone	Nandrolin, Laurabolin and Durabolin
19-norandrostenediol	
19-norandrostenedione	
Norbolethone /Norboletone	
Norclostebol	
Norethandrolone	
Nortestosterone	
Oxabolone	
Oxandrolone	Anavar
Oxymesterone	
Oxymetholone	Adroyd, Anadrol

Progestin	
Prostanazol	
Raloxifene	
Qinbolone	
Drug Name	Trade Name
Stanozolol	Winstrol-V
Stenbolone	
Tamoxifen	
Testolactone	Teslac
Tetrahydrogestrinone	
Tibolone	
Toremifene	
Trenbolone	Finoplix
Trendione	
Trimetazidine	
Tropic Hormones	Gonadotropins.Somatotropins, GnRh etc.
TB 500	

The Steroids has been expanded to include nomenclature of Pharmacological name as well as chemical name (Systemic name).

#### PHARMACOLOGICAL NAME

#### CHEMICAL NAME

##### ANDROGENS

Androsterone	(3 $\beta$ hydroxy-5 $\alpha$ – androstan-17-one)
Androstenedione	4-androstene-3,17-dione
11beta-hydroxyandrostenedione	11beta-4-androstene-3,17-dione
5alpha Androstenediol	5alpha-androstane-3alpha,17beta-diol
Epiandrosterone	3beta-hydroxy-5alpha-androstan-17- one
Andronosterone	4-androstene-3,11,17-trione
Dehydroepiandrosterone	3beta-hydroxy-5-androsten-17-one
Testosterone	17beta-hydroxy-4-androsten-3-one
1- Testosterone	17beta-hydroxy-5alpha-androst-1-en-3-one
Epitestosterone	17alpha-hydroxy-4-androsten-3-one
5alpha-dihydrotestosterone	17beta-hydroxy-5alpha-androstan-3-one
5beta-dihydrotestosterone	17beta-hydroxy-5beta-androstan-3-one
11beta-hydroxytestosterone	11beta,17beta-dihydroxy4-androsten-3one
11-ketotestosterone	17beta-hydroxy-4-androsten-3,17-dione
5-androstenedione	androst-5- ene-3,17dione
4-androstenediol	androst-4-ene-3 $\beta$ ,17 $\beta$ diol
5-androstenediol	5-androstene-3,17diol
19-norandrostenedione	19nor 4-androstene-3,17dione
19-norandrostenediol	19nor 4-androstene-3,17diol
1,4-androstadiendione	
$\Delta$ -1-androstene-3, 17- diol	
$\Delta$ -1-androstene-3, 17- dione	
$\Delta$ -1-dihydrotestosterone	
1-androstenediol (5a- androst-1-ene-3 $\beta$ , 17 $\beta$ - diol)	
19-noretiocholanolone	



4-androstene-3,6,17 trione (6-oxo)  
 5 $\alpha$ -androsterane-3 $\alpha$ ,17 $\alpha$ - diol  
 5 $\alpha$ -androsterane-3 $\beta$ ,17 $\alpha$ - diol  
 5 $\alpha$ -androsterane-3 $\beta$ ,17 $\beta$ - diol  
 5 $\alpha$ -androsterane-3 $\alpha$ ,17 $\beta$ - diol  
 5 $\beta$ -androsterane-3 $\alpha$ , 17 $\beta$ - diol, androst-4-ene- 3 $\alpha$ ,17 $\alpha$ -diol  
 7-keto-dhea; 19-  
 7 $\alpha$ -hydroxy-dhea  
 7 $\beta$ -hydroxy-dhea  
 Androst-4-ene-3 $\alpha$ ,17 $\beta$ - diol  
*Androst-4-ene-3 $\beta$ ,17 $\alpha$ - diol*  
*Androst-5-ene-3 $\alpha$ ,17 $\alpha$ - diol*  
*Androst-5-ene-3 $\alpha$ ,17 $\beta$ - diol*  
*Androst-5-ene-3 $\beta$ ,17 $\alpha$ - diol*  
*Androsta-1,4,6-triene- 3,17-dione (androstatrienedione)*  
 Etiocholanolone  
 Formebolone  
 Formestane  
 Fulvestrant  
 Metandienone  
 Metenolone  
 Norandrosterone  
 Prasterone (dehydroepiandrosterone, DHEA, 3 $\beta$ - hydroxyandrost-5-en-17-one)  
 Quinbolone  
 Trestolone

### **ESTROGENS**

Estrone	3-hydroxy-1,3,5,(10)-estratrien-17-one
Estradiol	1,3,5(10)-estratriene-3,17 $\beta$ -diol
Estriol	1,3,5(10)-estratriend-3,16 $\alpha$ ,17 $\beta$ -iol

### **PROGESTINS**

Pregnenolone	3 $\beta$ -hydroxy-5-pregnen-20-one
17-hydroxypregnenolone	3 $\beta$ ,17-dihydroxy-5-pregnen-20-one
Progesterone	4-pregnene-3, 20-dione
17-hydroxyprogesterone	17-hydroxy-4-pregnene-3,20-dione

### **TROPIC HORMONES**

Gonadotropins : Chorionic Gonadotropin (CG), Luteinizing Hormone (LH)  
 Somatotropins etc  
 GnRh

### **Peptide hormones, growth factors and related substances:**

- erythropoiesis-stimulating agents, including but not limited to erythropoietin (EPO), epoetin alfa, epoetin beta, darbepoetin, darbepoetin (depo), darbepoetin alfa, and methoxy polyethylene glycol-epoetin beta, peginesatide, hypoxia inducible factor (HIF)-1 stabilisers, ARA-290, *Asialo EPO*, EPO-Fc, EPO-mimetic peptides (EMP),
- growth hormones and growth hormone releasing hormone (GHRH), insulin-like growth factor-1 (IGF-1), and other growth factors ex: Somatrem, CJC-

*1295, sermorelin and tesamorelin : growth hormones* Secretagogues (GHS), e.g., ghrelin and ghrelin mimetics, e.g., anamorelin and ipamorelin

- (c) synthetic proteins and peptides and synthetic analogues of endogenous proteins and peptides not registered for medical or veterinary use,
- (d) Peptide Hormones Involved In Stress Response: Corticotrophind

#### **Hormones and metabolic modulators**

- (a) Aromatase inhibitors,
- (b) selective estrogen receptor modulators (SERMS) and other anti-estrogenic substances,
- (c) agents modifying myostatin function, including but not limited to myostatin inhibitors,
- (d) insulins
- (e) peroxisome proliferator activated receptor  $\alpha$  (PPAR $\alpha$ ) agonists, including but not limited to GW 1516,
- (f) AMPK activators, including but not limited to AICAR (5-aminoimidazole-4-carboxamide-1- $\beta$ -D-ribofuranoside)
- g) Anastrozole

And

Any such substance either a compound or metabolite that is chemically or pharmacologically related to any of the above mentioned drug:

#### **Substances Lack FDA Approval and have No Legitimate Use In Horses:**

- 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.
- Anabolic agent – lack FDA approval : GH-Releasing Peptides (ghrps), eg., alexamorelin, GHRP-6, hexarelin and pralmorelin (GHRP-2)

#### **RULE No. 15 :**

The Board of Stewards/Directors, Hyderabad Race Club, after notification in the Official Racing Calendar, may determine at any time any alteration to the list of Illicit Substances in Rule 14 as published by IFHA Article 6E.

#### **RULE No. 16.**

When a sample taken at any time from a horse being trained by a licensed trainer has detected in it any Illicit Substance specified in Rule 14:-

- (a) The trainer and/or any other person who was in charge of such horse at the relevant time is guilty of an offence and a disqualification of not less than 2 years shall be imposed unless there is a finding that a special circumstances backed with evidence exists, in which case the penalty may be reduced;
- (b) The horse may be disqualified from any race in which it has competed subsequent to the taking of such a sample found to contain an Illicit Substance.

#### **RULE No. 17.**

Any person who has in his possession any substance or preparation that could give rise to an offence under Rule 14 if administered at any time to a horse at any time shall be guilty of an offence and may be penalised.

#### **RULE No. 18.**

If a sample taken at any time from a horse has detected in it an Illicit Substance, the horse is not permitted to start in any race or official trial:-

- (a) for a period of not less than 6 months from the date of the collection of the sample and;
- (b) until after an Illicit Substance Clearing Certificate is provided in respect of a sample taken from the horse on a date directed by the Board of Stewards.

**RULE No. 19.** A trainer must record in his log book (hand written) any medication or treatment administered to any horse in the trainer's care by midnight on the day on which the administration was given.

- (1) For the purpose of this Rule, each record of administration must include the following information:-
  - (a) the name of the horse;
  - (b) the date and time of administration of the treatment or medication;
  - (c) the name of the treatment or medication administered (brand name or active constituent);
  - (d) the route of administration including by injection, stomach tube, paste, topical application or inhalation;
  - (e) the amount of medication given (if applicable);
  - (f) the duration of treatment (if applicable);
  - (g) the name and signature of the person/s administering and/or authorizing the administration of the treatment or medication.
- (2) For the purposes of this rule "treatment" includes:-
  - (a) shock wave therapy;
  - (b) acupuncture (including laser treatment);
  - (c) chiropractic treatment;
  - (d) the use of any electrical stimulation device (including transcutaneous electrical nerve stimulation (TENS));
  - (e) magnetic field therapy;
  - (f) ultrasound;
  - (g) any form of oxygen therapy, including hyperbaric oxygen therapy;
  - (h) the taking of a blood sample.
- (3) For the purposes of this rule "medication" includes:-
  - (a) all Controlled Drugs administered by an approved veterinarian;
  - (b) all Prescription Animal Remedies;
  - (c) all Prescription Only Medicines, prescribed and/or dispensed by an Approved Veterinarian for off-label use;

- (d) all injectable medicines (intravenous, intramuscular, subcutaneous, intra-articular) not already referred to above;
- (e) all Pharmacist Only medicines;
- (f) all veterinary and other medicines containing other scheduled and unscheduled prohibited substances;
- (h) all herbal/ayurvedic preparations;
- (i) all homeopathic medicines.

(4) Any person who breaches this Rule is guilty of an offence and may be penalized.

#### **RULE No. 20.**

All records required to be kept in accordance with this rule must be retained by the trainer for at least 2 years.

#### **RULE No. 21.**

When requested, a trainer must make available to the Stewards the record of any administration of a treatment and/or medication required under these Rules.

#### **RULE No. 22.**

The aforesaid does not, in any way, derogate from the absolute nature of the prohibition in Rule 7. It is clarified that on finding of a positive result, the horse shall be disqualified from that race and necessary action will be as per rules.

#### **RULE No. 23.**

The Trainer shall always be responsible and accountable at all times for:-

- (a) The management, administration, supervision, security and control of horses and of stable employees under his/her charge;
- (b) The feeding, feed supplements, treatment, stable routine, management, protection and security of the horses in his/her stable;
- (c) For ensuring that only Veterinarians approved by the Stewards inject or otherwise treat horses in his/her care;
- (d) For ensuring that no person is employed as a stable employee in connection with any horse in his/her care unless such person holds a license from the appropriate Authority

#### **RULE No. 24.**

(1) A person must not, without the permission of the Stewards:-

- (a) administer; or
- (b) cause to be administered, any medication to a horse at any time on a race day prior to the commencement of a race in which the horse is engaged to race.

- (c) any person who breaches this Rule is guilty of an offence and may be penalized.
- (2) The Stewards may order that a horse which has received a medication in breach of sub-rule (1) be scratched from a race engagement.

**RULE No. 25.**

- 1) A person must not have in his or her possession or on his or her premises any medication, substance or preparation which has not been registered, labelled, \ prescribed, dispensed or obtained.
- 2) The Stewards may confiscate any medication, substance or preparation referred to in sub-rule (1), and use it as evidence in any inquiry, hearing or other proceeding under the Rules;
- 3) Any person who breaches this Rule is guilty of an offence and may be penalized.

**RULE No. 26 :**

- (1) A person must not, without the written permission of the Stewards, have in his or her possession:-
  - (a) On a racecourse where a race meeting is being conducted; or
  - (b) in any motor vehicle, horse float or other mode of transport used for the purpose of transporting a horse/s to and/or from a race meeting, any prohibited substance, or a syringe, needle, naso-gastric tube or other instrument that could be used:-
    - (i) to administer a prohibited substance to a horse; or
    - (ii) to produce a prohibited substance in a horse.
- (2) The Stewards may at their discretion give written permission to a Trainer on written application (and may impose terms or conditions on that permission) to a person to have in his or her possession:
  - (a) on a racecourse where a race meeting is being conducted; or
  - (b) in any motor vehicle, horse float or other mode of transport used for the purpose of transporting a horse/s to and/or from a race meeting, any prohibited substance or a syringe, needle, naso-gastric tube (commonly known as stomach tube) or other instrument that could be used:-
    - (i) to administer a prohibited substance to a horse; or
    - (ii) to produce a prohibited substance in a horse.
- (3) A person must comply with any term or condition imposed on any permission given by the Stewards under sub-rule (2);
- (4) Any substances or items related to this rule may be confiscated by the Stewards.

**RULE No. 27. INJECTIONS AND MEDICATIONS PROHIBITED AT CERTAIN TIMES**

- (1) A person must not, without the permission of the Stewards:-
- (a) inject;
  - (b) cause to be injected;
  - (c) attempt to inject; or
  - (d) be a party to the injection or attempted injection of, a horse engaged to run in any race:
    - (i) at any time during the 72 hours prior to the scheduled race for any substance;
    - (ii) at any time during the 14 days prior to 12.00am on the day of the scheduled race for corticosteroids administered intra-articularly.
- (2) If a person breaches sub-rule 1 or the Stewards reasonably suspect that such a breach has been committed, they may order the scratching of the horse from the relevant race.
- (3) If a person breaches sub-rule 1 , but the horse competes in the race, the horse may be disqualified from the race.
- (4) For the purposes of this rule:-
- (a) “inject” includes, but is not limited to, the insertion of a hypodermic needle into a horse;
  - (b) it is not necessary to establish whether any substance was injected, or the nature of any substance injected.

**(5) Specific requirements regarding bisphosphonates:**

Any bisphosphonate is not to be administered to a racehorse:

- under the age of three years and six months as determined by its recorded date of birth; and
- on the day of the race or on any of the 30 days before the day of the race in which the horse is declared to run.

There must be a diagnosis determined by a veterinary surgeon that supports the use of a bisphosphonate as an appropriate treatment, and such treatment must be administered by a veterinary surgeon

**RULE No. 28. SAMPLING OF HORSES**

- (a) To establish whether a prohibited substance is present, samples shall be taken from horses declared to race/ in training. The Board of Stewards, Hyderabad Race Club may also take samples at any time
- (b) Sampling of horses means collection of blood, urine, saliva, sweat, breath, faeces and hair or any other body tissue, body fluid or any excretion taken from any

body part under the supervision of Approved Veterinarians to test for the presence of Prohibited Substances.

- (c) The Standard protocol for collection of samples is in place as detailed in the Annexure I.
- (d) The collected sample is to be tested in a Laboratory approved by the Board of Stewards/ Directors, Hyderabad Race Club from time to time.
- (e) The Board of Stewards/Directors, Hyderabad Race Club shall order to sample any horse at any time, according to the Rules. The Licensed Club Veterinarian/ Club approved Race Day Veterinarian or other persons as approved by the Authority shall carry out the sampling procedure.
- (f) Whenever a horse is selected for sampling, it is the responsibility of the trainer or his authorized representative to witness the collection procedure of samples and sealing of the sample bottles, blood tubes and/or any other sealed container.
- (g) Under no circumstances, can the trainer reject an official direction or request to present his horse for sample collection or cause hindrance with the sample collection process.
- (h) Samples collected under a secure chain of custody shall be split, into Sample A and Sample B. The Sample A shall be sent to a Primary laboratory for testing. The Sample A shall be the sole sample used for primary analysis. Any split portion of the same sample (Sample A), however named, should not be sent to a second laboratory for primary analysis without the knowledge and consent of that laboratory. The Sample B may be analysed for substances identified in the Sample A either automatically or at the option of the trainer or Stewards.
- (i) All samples taken from horses and all tests reports for samples sent through the Club for any reason what so ever, even if such tests have been paid for by the Trainer, Owner or any other person in connection with a race horse, is deemed to be the property of the Club.
- (j) A sample may be stored, frozen, or otherwise dealt with in a manner the Board of Stewards consider appropriate, and may be disposed of as the The Board of Stewards/ Directors, Hyderabad Race Club think fit.

#### **RULE No. 29:**

For the purpose of these Rules, Primary Laboratory shall mean a laboratory to which "Sample A" of a Horse is sent in the first instance. For analysis conducted for racing in India:

- (a) the Primary Laboratory shall be Quantilab – Mauritius
- (b) any other Laboratory as approved by The Board of Stewards/Directors, Hyderabad Race Club

#### **RULE No. 30 :**

For the purpose of these Rules, Reference Laboratory shall mean a laboratory to which "Sample B" of a Horse is sent for confirmatory analysis. For analysis conducted for racing in India the Reference Laboratories shall be any of the following:

- 1) The Hong Kong Jockey Club, Hong Kong
- 2) France – Laboratoire Des Courses Hippiques (LCH)
- 3) LGC, Newmarket, United Kindom
- 4) Australia – Racing Analytical Services (RASL) Victoria
- 5) Any other Laboratory as approved by The Board of Stewards/Directors, Hyderabad Race Club.

#### **RULE No. 31.**

Upon being informed by the Stewards, of the detection of a prohibited substance in Sample A by the Primary Laboratory, the concerned trainer or authorized representative shall:-

- (a) have the option of having Sample B analysed by an approved Reference Laboratory as listed under Rule No. 30 by The Board of Stewards/Directors, Hyderabad Race Club. Further the name of the Witnessing Analyst if Any;
- (b) exercise such option, application must be made to the Stewards in writing within 3 working days from the date of the official intimation of the detection / of opening the envelope that identifies the prohibited substance in Sample A;

Further the trainer is required to arrange the presence of the witnessing analyst at the laboratory conducting the confirmatory analysis within 30 days of him nominating the name. In case the trainer is unable to arrange within this period the witnessing analyst after having nominated the name, the confirmatory analysis will proceed without the witnessing analyst. The trainer normally will be permitted to nominate only one witnessing analyst and changes will not be permitted.

- (c) if the Trainer or Owner exercises the option of having Sample B analysed, all costs including transportation of the sample in relation to the analysis of Sample B shall be the responsibility of the trainer or authorized representative. Failure to pay for the analysis of Sample B may lead to the placing of the trainer and/or owner on the Unpaid Forfeit List;
- (d) in the absence of the Trainer exercising the options as mentioned above, the initial finding by the Primary Laboratory of the presence of prohibited substance in the urine sample of the Trainer's charge, will be treated as positive and the matter will be proceeded with. The findings of the Primary Laboratory shall be conclusive evidence that a prohibited substance has been detected in that sample for the purposes of these rules.

#### **RULE No. 32.**

The Reference Laboratory shall directly convey the result of the analysis of the Sample B to the Board of Stewards, / Senior Veterinary Officer of the Hyderabad Race Club.



### **RULE No. 33.**

When the Reference Laboratory confirms the positive findings of the Primary Laboratory then and only then shall the sample be treated as positive. However, if the Sample B is not sent for confirmatory analysis when the Trainer or authorized representative does not request confirmation, the sample will be treated as positive on the basis of the positive findings of the Primary Laboratory.

### **IMPORTANT NOTE:**

1. Wherever any substance or metabolite or isomers of the substance and its metabolites have not been classified in the list of classes appended, the Stewards shall, at their discretion, with due technical consultation decide whether and where that particular substance is to be classified. Such classification will be applicable to all positive cases under / pending enquiry.
2. In formulating the classes mentioned, the Stewards have taken into consideration the list of prohibited substances/illicit substance/proscribed substances forming part of Medication Rules.
3. All concerned 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.
4. If a prohibited substance is identified in an official sample taken from a horse which is entered or has run in a race within one jurisdiction but which is trained in another, the Horse racing Authority where the horse is trained is to be informed and shall provide assistance when requested.

### **RULE No. 34 :**

- (a) In the event of the Reference Laboratory detecting the same prohibited substance or metabolites, isomers or artefacts of the same prohibited substance as detected by the Primary Laboratory, the certified findings of the referee laboratory shall be conclusive evidence that the confirmatory substance has been detected in that sample for the purposes of these rules;
- (b) The reference Laboratory will report Analytical findings to the Board of Stewards/Directors of the Hyderabad Race Club.
- (c) If the reference Laboratory determines that it is unable to carry out the test for any reason including there being insufficient sample volume to make a specific identification of sample contents or if an act of God, power failure, accident, labour strike,

decomposition of the sample for any reason or any other force majeure circumstances prevents the Sample B being tested, then, the result of the test performed by the primary laboratory shall be conclusive and binding.

- (d) In the event there is insufficient sample volume to make a specific identification of the sample contents or if an act of God, power failure, accident, labour strike, decomposition of the sample for any reason or other force majeure circumstances prevents the sample from being tested by the Primary Laboratory, then, the Club shall send the second sealed bottle of spilt sample - Sample B to the Primary laboratory for being tested and the result of the test result performed by the Primary Laboratory shall be conclusive and binding without further testing by the reference laboratory.

**RULE No. 35.**

No correspondence by telephone, writing, electronic, in person or by any other means by the owner, trainer or any other person on behalf of the owner or trainer will be entertained by the laboratory directly.

**RULE No. 36.**

No request for DNA testing will be allowed unless expressly permitted by the Stewards.

**RULE No. 37.**

- a) Out of competition testing (OOCT) means any regulatory samples collected. (Urine & /Blood)
- b) Random Samples will be collected from horses (including horses arriving into station to race) every month or at any time as may be determined by the Stewards. The procedure for sampling will remain the same as for post-race sampling. These samples may be tested for Illicit drugs, anabolic steroids, sex hormones, therapeutic substances etc. listed under Rule No. 7, 7A & 7B or all illicit substances as listed in rule No.14;
- c) The list of Trainers and horses under their charge to be sampled will be selected by the draw of lots or as determined by the Board of Stewards.
- d) The Trainers will be required to present the horses for sampling as directed by the Club's Veterinary Officer.
- e) Two year old horses will be sampled for the analysis of anabolic steroids and sex hormones;
- f) There shall be no advance notice of out of competition testing.
- g) The OOCT shall detect and monitor misuse of Therapeutic Substances. (IFHA Article 6E). However, they may not be actionable if a legitimate treatment is appropriately recorded.
- h) Samples collected will be sent to Quantilab, Mauritius or any other laboratory as approved by the Board of Stewards/ Directors of the Hyderabad Race Club from time to time.

### **SAMPLING OF NEW ARRIVALS/ RETURNING HORSES:**

Besides post-race urine /blood sampling and Random Sampling, the Club would undertake optional Sampling of Horses for detection of illicit substances including Anabolic Steroids and / or Sex Hormones at the discretion of Stewards.

This sampling will be applicable to any horse as under:

- 1) Visiting horses for racing and Hyderabad Race Club horses returning after racing;
- 2) Horses returning from Out of Training/ Competition.
- 3) Any horse arriving into Hyderabad Race Club, for the first time (excluding the ones mentioned in points (1 & 2 above) for racing purpose and horses arriving into the charge of a Hyderabad Race Club, based Trainer for racing from a Trainer's charge based at another Turf Club;

In all the three cases listed above, the horse may be first sampled in the Sampling Yard and then will be permitted to enter the stables of the Receiving Trainer. If the horse arrives at odd hours, then such a horse will be moved into an isolation stable and after the collection of urine sample will be permitted to enter the stable of the Receiving Trainer.

If such a horse is subjected to Compulsory Sampling as stated in 1 above, the responsibility shall always remain that of the Trainer, in whose charge the horse arrives. The penalties will be as has been enunciated under the heading (penalties for offenses- Illicit Substances).

In case, where the horse has left a Trainer's charge and is 'Out of Training/ competition' as stated in 2 above (which will be indicated by submitting a separate Transfer of Responsibility form – see Annexure – 2) and no Upkeep and Feeding Charges has been claimed by the Trainer and paid by the Club or Owner, upon the return of such a horse to the Racecourse, the horse shall be subjected to Compulsory Sampling.

There will be no responsibility attached to a Trainer in cases of a horse returning a positive sample in respect of horse/s falling under Point 2 and 3, but sanctions will apply to the horse/s concerned. If such Compulsory Sampling results in the detection of Anabolic Steroids and / or Sex Hormones, the Owner/s and Receiving Trainer shall be asked to remove such a horse from the Club's premises forthwith for a period of 6 (six) months.

Where a horse has been put 'Out of Training/ Competition', a Transfer of Responsibility will have to be submitted by the Trainer that a horse has moved from his control and care. [Appended as Annexure – '2'].

A Trainer must be able to provide full traceability of the horse that is Out of Training/ Competition from his charge which would return to him for training/ racing. If a horse is moved away from the location given by the Trainer in the Transfer of Responsibility Form, then the responsibility to provide traceability will be of the person who takes care and control the horse and has moved the horse to a different location. In case full traceability cannot be established, the concerned horse will not be permitted to enter the Racecourse for a period of 6 (six) months.

NOTE: A Qualified Witness shall act in accordance with the Rules as mentioned below:

**A. RULES FOR A QUALIFIED WITNESSING ANALYST:**

- A)** The Witnessing Analyst must be a member of a relevant professional body and in no way involved with the case under consideration.
- B)** The role of the Witnessing Analyst is to satisfy himself that the analysis of the Confirmatory Sample from a particular horse contain/ does not contain the particular drug or its/ their metabolite as found in the primary sample by the Primary Laboratory. This will normally involve the following steps:
- i. Ensuring that the Confirmatory Sample has been correctly sealed and identified;
  - ii. Witnessing the analysis of the Confirmatory Sample in accordance with the procedures, rules and practices followed by the Reference Laboratory.
  - iii. The Witnessing Analyst must contact the Reference Laboratory through the Club before arrival to establish how long the analysis will take. He must then ensure that he allows sufficient time to the Laboratory to complete the analysis and must be aware that extra time will be required for additional samples etc.
  - iv. The Witnessing Analyst may be shown the analytical data relating to the analysis of the Primary Sample.
  - v. If the Witnessing Analyst disagrees with the analytical report of the Primary sample then he must submit a report to the Club giving his opinion and the reason for disagreeing.
  - vi. The Witnessing Analyst has to sign an undertaking to agree to abide by the above mentioned terms.

**RULE No. 38 Screening Limits**

Therapeutic substances used for the treatment of racehorses are prohibited by the rules of racing at all concentrations. In order for Primary Laboratory to report the presence of certain therapeutic substances in a consistent manner, International Screening Limits (ISLs) have been agreed for these substances.

The ISL is the urine or plasma concentration adopted for the screening of a specified therapeutic prohibited substance; it is derived from administration studies followed by a risk analysis consisting of two components: a risk assessment (evaluation of the effect of the substance and factors related to its control) and a risk management (decision step for harmonisation). ISLs are harmonised detection limits agreed following input by international consensus and are conveyed by instruction from racing authorities to the Primary Laboratory. The ISLs are simply the detection limits to be used by the Primary Laboratory when screening for certain therapeutic substances as instructed by the authorities; they are not international thresholds. When the screening procedure indicates the ISL, in either urine or plasma, has been exceeded, all that is required is qualitative confirmatory analysis (usually by mass spectrometry) to confirm the presence or absence of the prohibited substance. Quantification is not required.

The ISL need not be applied in the event of the detection of two or more pharmacologically-related therapeutic substances, or any such substance and a diuretic, in an official sample.

All samples taken from horses in India and analysed by the Primary Laboratory adhere to the International Screening Limits as approved by the IFHA.

The International Screening Limits in urine and plasma and the international residue limits in urine and plasma for environmental contaminants are available on the IFHA website: [www.ifhaonline.org](http://www.ifhaonline.org)

In relation to procaine, a screening limit of 10ng/ml in urine is adopted by the Indian Authorities as other international authorities.

### **International screening limits and detection times**

The Advisory Council on Equine Prohibited Substances and Practices and the International Federation of Horse racing Authorities - IFHA acknowledges the significant effort of the EHSLC (European Horserace Scientific Liaison Committee) over a number of years in determining these Detection Times. It must be noted that these detection times are for specific proprietary preparations, at specified dose and dosing regimens and for specified routes of administration and veterinarians using this information should be aware of its limitations and are advised to read the following document "International Screening Limits and Detection Times

**(A) The International Screening Limits in urine for the following commonly used therapeutic substances approved by The Turf Authorities of India.**

*[This list shall be updated periodically]:*

Sl. No	Substance	nanograms per millilitre in hydrolysed urine unless otherwise specified)	Controlled by
1	Acepromazine	10	2-(1-hydroxyethyl)promazine sulphoxide
2	Betamethasone	0.2	-
3	Bromhexine	200	Ambroxal
4	Butorphanol	1	-
5	Carprofen	100	-
6	Clenbuterol	0.1	-
7	Dantrolene	3 in unhydrolysed urine	5-hydroxydantrolene
8	Dembrexine	100	-
9	Detomidine	2	3'-hydroxydetomidine
10	Dexamethasone	0.2	-
11	Diclofenac	50	-
12	Dipyron	1000	4-methylaminoantipyrine
13	Eltenac	50	-
14	Flunixin	100	-
15	Furosemide	50	-
16	Ipratropium	0.25	-
17	Ketoprofen	100	-
18	Lidocaine	10	3'-hydroxylidocaine
19	Meclofenamic Acid	250	-
20	Medetomidine	5	3'-hydroxymedetomidine
21	Meloxicam	10	-
22	Mepivacaine	10	3'-hydroxymepivacaine
23	Naproxen	250	-
24	N-Butylscopolammonium	25	-
25	Omeprazole	1 in unhydrolysed urine	-
26	Oxyphenbutazone	100	-
27	Phenylbutazone	100	-
28	Romifidine	1	-
29	Salbutamol	0.5	-
30	Triamcinolone Acetonide	0.5	-

31	Vedaprofen	50	-
32	Procaine	10 (approved by Turf Authorities of India)	-

(B). The International Screening Limits in **Plasma** for the following commonly used therapeutic substances approved by the Turf Authorities of India.

Sl. No	Substance	nanograms per millilitre in plasma	Controlled by
1	Acepromazine	0.02	-
2	Butorphanol	0.01	-
3	Carprofen	100	-
4	Dembrexine	5	-
5	Detomidine	0.02	3'-hydroxydetomidine
6	Flunixin	1	-
7	Furosemide	0.1	-
8	Lidocaine	0.05	-
9	Meclofenamic Acid	5	-
10	Medetomidine	0.02	3'-hydroxymedetomidine
11	Meloxicam	1	-
12	Mepivacaine	0.05	-
13	N-Butylscopolammonium	0.05	-
14	Omeprazole	1	-
15	Phenylbutazone	100	-
16	Procaine	1	-
17	Vedaprofen	5	-

#### **ASIAN SCREENING LIMITS for controlling equine therapeutics**

SI No	Therapeutic substance	Limit
1	Methocarbamol (restricted to single oral or IV treatment of no more than 5 grams)	100 ng/ml in urine
2	Dantrolene	0.1ng/ml of 5 – Hydroxydantrolene in plasma
3	Firocoxib	2 ng/ml in plasma
4	Ketoprofen	2ng/ml in plasma under the condition of a single intravenous or oral use

#### **INTERNATIONAL RESIDUE LIMITS**

International Residue Limits are detection limits agreed following input by international consensus and are conveyed by instruction from racing authorities to their laboratories. The residue limits are simply detection limits to be used by laboratories when screening for certain contaminant or environmental substances as instructed by the authorities; they are not international thresholds. When the screening procedure indicates the residue limit, in either urine or plasma, has been exceeded, all that is required is qualitative confirmatory analysis (usually by mass spectrometry) to confirm the presence or absence of the prohibited substance. Quantification is not required.

(C) The IFHA recommends International Residue Limits in **Urine** for the following substances in Feed, which are considered as Feed Contaminants and are approved by the Turf Authorities of India.

Caffeine	50 ng/ml
Theophylline	250 ng/ml
Atropine	60 ng/ml
Scopolamine	60 ng/ml
Morphine (total) *	30 ng/ml
Bufotenine	10 µg/ml
DMT	10 µg/ml
Hordenine	80 µg/ml
Theobromine	2 µg/ml

# These refer to the free and conjugated concentrations unless indicated otherwise.

\* Conjugated substances like morphine glucuronides can be difficult to hydrolyse.

(D) Feed Contaminants – International Residue Limits in **Plasma** for the following substance has been approved by the Turf Authorities of India.

Theobromine - 0.3 mg/ml

All samples taken from horses in India and analyzed by the primary laboratory (QuantiLAB) adhere to the International Screening Limits as approved by the IFHA.

**Publication of Detection Times on the IFHA Website for Legitimate Therapeutic Substances Controlled by International Screening Limits**

<b>Detection Times for Legitimate Therapeutic Substances Controlled by International Screening Limits</b>				
<b>Substance</b>	<b>Preparation</b>	<b>Dose</b>	<b>Route of Administration (no of horses)</b>	<b>Detection Time (hours)</b>
Acepromazine	Sedalin® Vetoquinol UK Ltd	0.15mg/kg, single dose	Oral (6)	72
Butorphanol	Torbugesic® Fort Dodge Animal Health Ltd	100µg/kg, single dose	i.v. (6)	72
Butyl scopolamine	Buscopan® Boehringer Ingelheim	0.3mg/kg, single dose	i.v. (6)	≤48 ^
Butyl scopolamine/ Dipyrone (Metamizole)	Buscopan® Compositum Boehringer Ingelheim	0.2mg/kg butyl scopolamine / 25mg/kg dipyrone (Metamizole), single dose	i.v. (6)	72
Carprofen	Rimadyl® Pfizer Ltd	0.7mg/kg, single dose	i.v. (6)	264 (11 days)
Clenbuterol	Ventipulmin® Syrup (25 micrograms/mL) Boehringer Ingelheim	1.6mg/kg/day for 10 days, once daily	Oral (6)	312 (13 days)
Clenbuterol	Ventipulmin® Injection (30 micrograms/mL) Boehringer Ingelheim	0.3mg/kg/day for 5 days, once daily	Nebulised \$ (6)	144 (6 days)
Dantrolene	Dantrium®	500mg for 3 days, once daily	Oral (12)	48
Dembrexine	Sputolysin® Boehringer Ingelheim	0.3mg/kg, 9 doses at 12h intervals	Oral (6)	96
Detomidine	Domosedan® Orion Pharma, Finland	0.02mg/kg, single dose	i.v. (10)	≤48 ^



Detomidine/ Butorphanol	Domosedan® Janssen Torbugesic® Pfizer	10µg/kg followed after 5 minutes with 25µg/kg  Torbugesic®, single dose	i.v. (6)	72
Dexamethasone isonicotinate	Voren® Boehringer Ingelheim Ltd	0.03mg/kg, single dose (15ml/500kg horse)	i.m. (6)	336 (14 days)
Dexamethasone sodium phosphate	Dexadreso n® Intervet UK Ltd	0.06mg/kg, single dose (15ml/500kg horse)	i.v. (6)	120 (5 days)
Dipyrone	Vetalgin®  Inter vet  Deutschland GmbH	30mg/kg, single dose	i.v. (10)	72
Eltenac	Telzenac® Schering  Plough Animal Health	0.5mg/kg for 5 days, once daily	i.v. (6)	192 (8 days)
Flunixin	Finadyne® Schering Plough	1mg/kg, single dose	i.v. (4)	144 (6 days)
Furosemide	Dimazo n® Intervet	1mg/kg, single dose	i.v. (6)	≤48 ^
Ipratropium	Atrovent® solution for nebulisation (0.5 mg/ml) Boehringer Ingelheim	5.5µg/kg/day for 3 days, once daily (16.5µg/kg in total)	Nebulised ** (6)  [MDI-Spacer]	120 (5 days)  [168, 7 days]
Ketoprofen	Ketofen®  Merial Animal Health Ltd	2.2mg/kg for 5 days, once daily	i.v. (6)	96
Lidocaine	Norocaine® Norbrook Laboratories	300mg/15mL, single dose  60mg/3mL, single dose	s/c (6)  s/c (6)	72
Meclofenami c acid	Not commercially available. Sigma †	2.2mg/kg, single dose	i.v. (6)	≤48 ^

Meclofenamic acid	Dynoton Biove Laboratory, Arques, France	4mg/kg for 5 days, once daily	Oral (6)	120 (5 days)
Meloxicam	Metacam® Boehringer Ingelheim	0.6mg/kg for 14 days, once daily	Oral (8)	72
Mepivacaine	Intra-Epicaine® Arnolds Vet Products Ltd #	2mL/40mg, single dose (0.07 – 0.09mg/kg)	s/c to lateral aspect of distal limb (6)	72
Mepivacaine	Intra-Epicaine® Arnolds Vet Products Ltd #	8mL/160mg, single dose (0.28-0.36mg/kg)	s/c neck (6)	72
Naproxen	Naprosyn® Roche	10mg/kg for 5 days, once daily	Oral (6)	>360 (>15 days)
Omeprazole	Gastrogard® 37% Oral Paste, Merial	1mg/kg for 28 days, once daily	Oral *	≤48 ^
Phenylbutazone	Equipazolone® Arnolds Vet Products Ltd	4.7mg/kg for 5 days, twice daily	Oral (2)	168 (7 days)
	Phenylarthrite® Vetoquinol SA	8.8mg/kg, single dose	i.v. (6)	
	Equipazolone® Intervet SA	8.8mg/kg twice daily for 1 day, followed by 4.4mg/kg for 10 days, twice daily	Oral (6)	
Romifidine	Sedivet® Boehringer Ingelheim	80µg/kg, single dose	i.v. (8)	60
Romifidine/ Butorphanol	Sedivet® Boehringer Ingelheim Torbugesic® Pfizer	60µg/kg, followed after 5 minutes with 25µg/kg Torbugesic®, single dose	i.v. (6)	72
Salbutamol	Ventolin Evohaler® Allen & Hansburys	5 x 100µg actuations per dose for 2 days at 4 hourly dosing during the day	Inhaled via a pMDI through a spacer into nostrils ‡ (6)	72

Vedaprofen	Quadrisol ® Intervet SA	2mg/kg, single dose	i.v. (6)	96
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It must be noted that these detection times are for specific proprietary preparations, at specified dose and dosing regimens and for specified routes of administration, and veterinarians using this information should be aware of its limitations and are advised to read the following document “International Screening Limits and Detection Times - Information for Practicing Veterinary Surgeons”.

### **International Screening Limits and Detection Times:** **Information for Practicing Veterinary Surgeons**

There are three reasons for having rules to control the use of drugs in horse racing:

- a. To ensure fair competition;
- b. To protect the welfare of racehorses; and
- c. To protect the breed.

However, the Rules of Racing are not intended to discourage the proper veterinary treatment of sick racehorses if such treatment would not threaten any of these three important objectives.

The following information is intended to help veterinary surgeons to give advice as to when racehorses may be raced following treatment. International harmonisation for the control of certain therapeutic substances has been achieved through the application of International Screening Limits and information is provided on the observed Detection Times corresponding to these screening limits for drugs after they have been administered to horses at the reported dose rates. However, veterinary surgeons using this information should be aware of its limitations.

#### *Limitations*

Detection Time definition: the time at which the urinary concentration of the drug, or its metabolites or isomers, in all the horses in the study was below internationally agreed screening limit for the drug using routine or standard screening methods.

#### **Veterinary surgeons are reminded of the following:**

The Rules of Racing regarding prohibited substances continue to apply a strict liability on the trainer and the promulgation of this information does not alter this. Therefore veterinary surgeons should use their professional judgment when they are asked for advice.

In the administration studies for the determination of the published Detection Times, the drugs were administered at the manufacturer's recommended dose using the usual route of administration to a limited number of horses under controlled, scientific

conditions.

The following points should be clearly noted in respect of the stated Detection Times:

- 1) In the experiments, the drugs were administered only to healthy horses under controlled, scientific conditions. These horses were not exercised under conditions that might be expected in routine training.
- 2) The use of these drugs therapeutically in unhealthy animals may result in longer Detection Times due to a number of factors, including variation in urine pH, altered biotransformation and/or excretory processes.
- 3) The effect of training /exercise programmes, different diet and stable management may cause variation in drug elimination.
- 4) The Detection Times are valid only in respect of the particular formulation, dose or dosage regimen employed.
- 5) The use of different proprietary formulations may result in different Detection Times on account of variations in bioavailability. Repeat dosing will alter the Detection Time due to possible drug accumulation.
- 6) The stated Detection Times reflect only the precise conditions of the administration protocol used for the scientific study. Even a slight variation in the route of administration, such as intra-articular injections that have become partly extra-articular, can increase Detection Times significantly. Veterinary surgeons should therefore regard these data as information. There may be variables encountered in routine treatment of horses in training that affect drug elimination.
- 7) Irrespective of the route of administration, there is a risk that a horse may ingest excreted drug from the bedding of its stable (thus increasing the Detection Time unpredictably) if its stable is not regularly and carefully cleaned out after the treatment has been administered.
- 8) These recommendations for Screening Limits/Detection Times may not necessarily apply in the event of the detection of two or more pharmacologically related substances, or any substance and a diuretic, in an official sample.

The 'Detection Times' given here are not synonymous with 'Withdrawal Times'. To decide a Withdrawal Time an adequate safety margin must be added to the stated Detection Time. This safety margin must be chosen by the treating veterinarian using his/her professional judgement and discretion, to allow for biological, pharmaceutical and pharmacological variation, so as to minimise the possibility that a positive finding will occur on the day of racing.

It is incumbent on the veterinary surgeon to exercise full professional judgement, taking into account all relevant circumstances, and the most up to date information, before advising when a horse may race after drug treatment.

The International Federation of Horseracing Authorities and Hyderabad Race Club, Hyderabad accepts no liability or responsibility for the direct or indirect consequences of any person using or relying exclusively upon the data in these information sheets, to the exclusion of professional judgement, under any given circumstances.

**CLASSIFICATION OF PROHIBITED SUBSTANCES, INFRINGEMENTS AND THE PENALTY**  
**ATTRACTED IN DETECTION OF PROHIBITED SUBSTANCES**

**LISTING BY CLASSIFICATION**

**CLASS-1:** Stimulant and depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in the racing horse.

Drug Name	Class	Trade Name(s)
3, 4-Methylenedioxypropyl-valerone	1	MDPV, "Bath Salts"
Apomorphine	1	
Benzylpiperazine(BZP)	1	
Chlorpromazine	1	Thorazine, Largactil
Donepezil	1	Aricept
Endorphins	1	
Enkephalins	1	
Ethylphenidate	1	
Hydroxyamphetamine	1	Paradrine
Lofentanil	1	
Mazindol	1	Sanorex
Meldonium	1	Mildronate
Mephentermine	1	Wyamine
Metaraminol	1	Aramine
Mitragynine	1	Kratom
Nikethamide	1	Coramine
Oxycodone	1	Percodan
Oxymorphone	1	Numorphan
Pemoline	1	Cylert
Pentylentetrazol	1	Metrazol, Nioric
Phenazocine	1	Narphen
Phencyclidine(PCP)	1	Semylan
Phendimetrazine	1	Bontril, etc.
Phenmetrazine	1	Preludin
Picrotoxin	1	
Remifentanil	1	Ultiva
Strychnine	1	
Sufentanil	1	Sufenta
Sufenta	1	
Synthetic cannabis	1	Spice,K2,Kronic
Ziconotide	1	

**CLASS-2: Drugs that have a high potential to affect performance, but less of a potential than drugs in Class 1.** These drugs are not generally accepted as therapeutic agents in racing horses

Drug Name	Class	Trade Name(s)
3-Methoxytyramine	2	3-MT
Acecarbromal	2	
Acetophenazine	2	Tindal
Adinazolam	2	
Alclofenac	2	
Alcuronium	2	Alloferin
Alpidem	2	Anaxyl
Alprazolam	2	Xanax
Alprenolol	2	
Althesin	2	Saffan
Amisulpride	2	Solian
Amitriptyline	2	Elavil, Amitril, Endep
Amoxapine	2	Asendin
Amperozide	2	
Amyl nitrite	2	
Anilopam	2	Anisine
Aprobarbital	2	Alurate
Articaine	2	Septocaine; Ultracaine, etc.
Atipamazole	2	
Atomoxetine	2	Strattera
Atracurium	2	Tracrium
Azacylonol	2	Frenque
Azaperone	2	Stresnil, Suicalm,
Barbital	2	Veronal
Barbiturates	2	
Bemegride	2	Megimide, Mikedimide
Benoxaprofen	2	
Benperidol	2	Anquil
Bentazepam	2	Tiadipona
Benzactizine	2	Deprol, Bronchodiletten
Benzoctamine	2	
Benzodiazepines	2	
Benzonatate	2	Tessalon, Tessalon Perles,
Benzphetamine	2	Didrex
Benztropine	2	Cogentin
Biriperone	2	
Botulinum toxin	2	
Brimonidine	2	
Bromazepam	2	Lexotan, Lectopam

Drug Name	Class	Trade Name(s)
Bromisovalum	2	Diffucord, etc
Bromocriptine	2	Parlodel
Bromperidol	2	Bromidol
Brotizolam	2	Brotocol
Bupivacaine	2	Marcaine
Buprenorphine	2	Temgesic
Buspirone	2	Buspar
Buspropion	2	Wellbutrin
Butabarbital (Secbutobarbitone)	2	Butacaps, Butasol, etc.
Butacaine	2	Butyn
Butalbital (Talbutal)	2	Fiorinal
Butanilcaine	2	Hostacain
Butaperazine	2	Repoise
Butoctamide	2	Listomin
Caffeine	2	
Camazepam	2	Paxor
Capsaisin	2	
Captodiamine	2	Covatine
Carbidopa+Levodopa	2	Sinemet
Carbromol	2	Mifudorm
Carisoprodol	2	Soma, Rela
Carphenazine	2	Proketazine
Carpipramine	2	Prazinil
Carticaine (See articaine)	2	Septocaine; Ultracaine etc.
Chloralose (Alpha-chloralose)	2	
Chloral betaine	2	Beta-chlor
Chloral hydrate	2	Nactec, Oridrate, etc
Chloraldehyde(chloral)	2	
Chlordiazepoxide	2	Librium
Chlormezanone	2	Trancopal
Chloroform	2	
Chlorhexidol	2	
Chloroprocaine	2	Nesacaine
Chlorproethazine	2	Newipleg
Chlorprothixene	2	Taractan
Cinchocaine	2	Nupercaine
Citalopram	2	Celex
Clibucaine	2	Batrax
Clenbuterol	2	Ventipulmin
Clobazam	2	Urbanyl
Clocapramine	2	
Clomethiazole (Chlormethiazole)	2	

Drug Name	Class	Trade Name(s)
Clomipramine	2	Anafranil
Clonazepam	2	Klonopin
Clorazepate	2	Tranxene
Clormecaine	2	Placacid
Clothiapine	2	Entermin
Clotiazepam	2	Trecalmo, Rize
Cloxazolam	2	Enadel, Sepazon, Tolestan
Clozapine	2	Clozaril, Leponex
Conorphone	2	
Corticaïne	2	Ultracain
Crotetamide	2	
Cyamemazine	2	Tercian
Cyclobarbitol	2	Phanodorm
Decamethonium	2	Syncurine
Demoxepam	2	
Desipramine	2	Norpromine, Pertofrane
Dezocine	2	Dalgan ®
Dibucaine	2	Nupercainal, Cinchocaine
Dichloralphenazone	2	Febenol, Isocom
Diethylpropion	2	Tepanil, etc.
Dilorazepam	2	Briantum
Dixyrazine	2	Esucos
Dopamine	2	Intropin (Derivative: 3-Methpxytyramine)
Doxacurium	2	Nuromax
Doxapram	2	Dopram
Doxefazepam	2	Doxans
Doxepin	2	Adapin, Sinequan
Droperidol	2	Inapsine, Droleptan, Innovar-Vet (with Fentanyl)
Duloxetine	2	
Enciprazine	2	
Ephedrine	2	
Epibatidine	2	
Epinephrine	2	
Ergoloid Mesylates (dihydroergocornine Mesylate, Dihydroergocristine mesylate & dihydroergocryptine mesylate)	2	Hydergine
Estazolam	2	Domnamid, Eurodin, Nuctalon
Eszopiclone	2	
Ethamivan	2	
Ethanol	2	
Ethchlorvynol	2	Placidyl
Ethinamate	2	Valmid
Ethoheptazine	2	Zactane



Drug Name	Class	Trade Name(s)
Ethopropazine	2	Parsidol
Ethylisobutrazine	2	Diquel
Etidocaine	2	Duranest
Etifoxin	2	Stresam
Etizolam	2	Depas, Pasaden
Etodroxizine	2	Indunox
Etomidate	2	
Fenarbamate	2	Tymium
Fenclozic Acid	2	Myalex
Fenfluramine	2	Pondimin
Fluanisone	2	Sedalande
Fludiazepam	2	Erispam
Flunitrazepam	2	Rohypnol, Narcozep, Darkene, Hypnodorm
Fluopromazine	2	Psyquil, Siquil
Fluoresone	2	Caducid
Fluoxetine	2	Prozac
Flupenthixol	2	Depixol, Fluanxol
Fluphenazine	2	Prolixin, Permitil, Anatensol etc.
Flurazepam	2	Dalmane
Fluspirilene	2	Imap, Rediptin
Flutoprazepam	2	Restas
Fluvoxamine	2	Dumirox, Faverin etc.
Galantamine	2	Reminyl
Gallamine	2	Flaxedil
Gepirone	2	
Halazepam	2	Paxipam
Haloperidol	2	Haldol
Haloxazolam	2	Somelin
Hemoglobin Glutamers	2	Oxyglobin, Hemopure
Hexafluorenium	2	Myalexen
Hexobarbital	2	Evipal
Hexylcaine	2	Cyclaine
Homophenazine	2	Pelvichthol
Hordenine	2	
Hydroxyzine	2	Atarax
Ibomal	2	Noctal
Imipramine	2	Imavate, Presamine, Tofranil
Isapirone	2	
Isocarboxazid	2	Marplan
Isoproterenol	2	Isoprel
Isoxicam	2	Maxicam
Ketamine	2	Ketalar, Ketaset, Vetalar

Drug Name	Class	Trade Name(s)
Ketazolam	2	Anxon, Laftram, Solatran Loftran
Lenperone	2	Elanone-V
Levamisole	2	
Lidocaine	2	Xylocaine
Lithium	2	Lithizine, Duralith etc.
Lobeline	2	
Loflazepate, Ethyl	2	Victan
Loprazolam	2	Dormonort, Havlane
Lorazepam	2	Ativan
Lormetazepam	2	Noctamid
Loxapine	2	Laxitane
Maprotiline	2	Ludiomil
Mebutamate	2	Axiten, Dormate, Capla.
Meclofenoxate	2	Lucidril etc
Medazepam	2	Nobrium etc.
Melperone	2	Eunerpan
Memantine	2	Namenda
Meparfynol	2	Oblivon
Mepazine	2	Pacatal
Mephenoalone	2	Control, etc
Mephenytoin	2	Mesantoin
Mephobarbital (Methylphenobarbital)	2	Mebaral
Mepivacaine	2	Carbocaine
Meproamate	2	Equanil, Miltown
Mesoridazine	2	Serentil
Metaclazepam	2	Talis
Metformin	2	
Metharbital	2	Gemonil
Methohexital	2	Brevital
Methotrimeprazine	2	Levoprome, Neurocil etc.
Methypylon	2	Noludar
Metocurine	2	Metubine
Metomidate	2	Hypnodil
Mexazolam	2	Melex
Mirtazepine	2	Remeron
Mivacurium	2	Mivacron
Modafinil	2	Provigil
Molindone	2	Moban
Moperone	2	Luvatren
Mosaprimine	2	
Naepaine	2	Amylsine
Nalbuphine	2	Nubain

<b>Drug Name</b>	<b>Class</b>	<b>Trade Name(s)</b>
Nalorphine	2	Nalline, Lethidrone
Nefazodone	2	Serzone
Nimetazepam	2	Erimin
Nitrazepam	2	Mogadon
Nitroglycerine	2	
Nordiazepam	2	Calmday, Nordaz etc.
Norepinephrine	2	
Nortriptyline	2	Aventyl, Pamelor
Olanzapine	2	Zyprexa
Oxazepam	2	Serax
Oxazolam	2	Serenal
Oxilofrine (hydroxyephedrine)	2	
Oxyperitine	2	Forit, Integrin
Paliperidone	2	
Pancuronium	2	Pavulon
Paraldehyde	2	Paral
Paroxetine	2	Paxil, Seroxat
Penfluridol	2	Cyperon
Pentobarbital	2	Nembutal
Perazine	2	Taxilan
Periciazine	2	Alodept, etc
Perlapine	2	Hypnodin
Perphenazine	2	Trilafon
Phenaglycodol	2	Acalo, Alcamid, etc.
Phenelzine	2	Nardelzine, Nardil
Phenobarbital	2	Luminal
Phentermine	2	Lomamin
Piminodine	2	Alvodine, Cimadon
Pimobendan	2	
Pimozide	2	Orap
Pinazepam	2	Domar
Pipamperone	2	Dipiperon
Pipecuronium	2	Arduan
Pipequaline	2	
Piperacetazine	2	Psymod, Quide
Piperocaine	2	Metycaine
Pipotiazine	2	Lonseren, Piportil
Pipradrol	2	Dataril, Gerondyl etc
Piquindone	2	
Prazepam	2	Verstran, Centrax
Prilocaine	2	Citanest
Prochlorperazine	2	Darbazine, Compazine

Drug Name	Class	Trade Name(s)
Propanidid	2	
Propiomazine	2	Largon
Propionylpromazine	2	Tranvet
Propofol	2	Diprivan, Disoprivan
Propoxycaine	2	Ravocaine
Prothipendyl	2	Dominal
Protriptyline	2	Concordin, Triptil
Proxibarbitol	2	Axeen, Centralgol
Pyrithyldione	2	Hybersulfan, conodor
Quazipam	2	Doral
Quetiapine	2	Seroquel
Racemethorphan	2	
Racemorphan	2	
Raclopride	2	
Ractopamine	2	Paylean
Remoxipride	2	Roxiam
Reserpine	2	Serpasil
Rilmazafone	2	
Risperidone	2	
Ritanserlin	2	
Rivastigmine	2	Exelon
Rocuronium	2	Zemuron
Rofecoxib	2	Vioxx
Ropivacaine	2	Naropin
Secobarbital (Quinalbarbitone)	2	Seconal
Selegiline	2	Eldepryl, Jumex
Sertraline	2	Lustral, Zoloft
Spiclomazine	2	
Spiperone	2	
Succinylcholine	2	Sucostrin, Quelin etc.
Sulfondiethylmethane	2	
Sulfonmethane	2	
Sulforidazine	2	Inofal
Sulpiride	2	Aiglonyl, Sulpitil
Sultopride	2	Barnetil
Talbutal	2	Lotusate
Tandospirone	2	
Temazepam	2	Restoril
Tetrabenazine	2	Nitoman
Tetracaine	2	Pontocaine
Tetrazepam	2	Musaril, Myolastin
Thebaine	2	

Drug Name	Class	Trade Name(s)
Thialbarbital	2	Kemithal
Thiamylal	2	Surital
Thiethylperazine	2	Torecan
Thiopental	2	Pentothal
Thiopropazate	2	Dartal
Thiopropazine	2	Majeptil
Thioridazine	2	Mellaril
Thiothixene	2	Navane
Tiapride	2	Italprid, Luxoben etc.
Tiletamine	2	Component of Telazol
Timiperone	2	Tolopelon
Tofisopam	2	Grandaxain, Seriel
Topirimate	2	Topamax
Tramadol	2	Ultram
Tranylcypromine	2	Parnate
Trazodone	2	Desyrel
Tretoquinol	2	Inolin
Triazolam	2	Halcion
Tribromethanol	2	
Tricaine Methanesulfonate	2	Finquel
Trichloroethanol	2	
Trichloroethylene	2	Trilene, Trimar
Triclofos	2	Triclos
Trifluomeprazine	2	Nortran
Trifluoperazine	2	Stelazine
Trifluperidol	2	Triperidol
Triflupromazine	2	Vetame, Vesprin
Trimipramine	2	Surmontil
Tubocurarine (Curare)	2	Metubin
Tybamate	2	Benvil, Nospan etc
Urethane	2	
Valdecocix	2	
Valnoctamide	2	Nirvanyl
Venlafaxine	2	Efflexor
Veralipride	2	Accional, Veralipril
Vercuronium	2	Norcuron
Viloxazine	2	Catatrol, Vivalan etc
Vinbarbital	2	Delvinol
Vinylbital	2	Optanox, Speda
Yohimbine	2	
Zaleplon	2	Sonata
Zilpaterol Hydrochloride	2	Zilpaterol

Drug Name	Class	Trade Name(s)
Ziprasidone	2	Geodon
Zolazepam	2	
Zolpidem	2	Ambien, Stilnox
Zomepirac	2	Zomax
Zopiclone	2	Imovan
Zotepine	2	Lodopin
Zuclopenthixol	2	Ciatyl, Cesordinol

**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 bronchodilator and other drugs with primary effects on the autonomic nervous system, antihistamines with sedative properties and the high ceiling diuretics.

Drug Name	Class	Trade Name(s)
Acebutolol	3	Sectral
Acepromazine	3	Atrovet, Notensil, PromAce ®
Albumin	3	
Albuterol (Salbutamol)	3	Proventil, Ventolin
Almotriptan	3	Axert
Ambenonium	3	Mytelase, Myeuran
Aminophylline	3	Aminophyllin etc.
Amitraz	3	Mitaban
Amlodipine	3	Ammivin, Norvasc
Arecoline	3	
Arformoterol	3	
Atenolol	3	Tenormin
Atropine	3	
Benazepril	3	Lotrel, Lotensin, MC-Tab*
Betaxolol	3	Kerlone
Bethanidine	3	Esbatal
Biperiden	3	Akineton
Bisoprolol	3	Zebeta, Bisobloc etc
Bitolterol	3	Effectin
Bretylium	3	Bretylol
Bromfenac	3	Duract
Bromodiphenhydramine	3	
Brompheniramine	3	Dimetane, Disomer
Bufexamac	3	
Bumetanide	3	Bumex
Butorphanol	3	Stadol, Torbugesic
Bycerol	3	
Candesartan	3	Atcand
Captopril	3	Capolen
Carazolol	3	Carbacel, Conducton

Drug Name	Class	Trade Name(s)
Carbachol	3	Lentin, Doryl
Carbamezapine	3	Tegretol
Carbinoxamine	3	Clistin
Carteolol	3	Cartrol
Carvedilol	3	Coreg
Celecoxib	3	Celebrex
Cimeterol	3	
Clemastine	3	Tavist
Clidinium	3	Quarezan, Clindex etc.,
Clonidine	3	Catapres
Cobalt	3	
Cyclandelate	3	Cyclospasmol
Cyclizine	3	Merazine
Cycrimine	3	Pagitane
Cyproheptadine	3	Periactin
Deracoxib	3	Deremaxx
Detomidine	3	Dormosedan
Dextran	3	
Diazepam	3	Valium
Diazoxide	3	Proglycem
Diflunisal	3	
Diisopropylamine	3	
Dimeflin	3	
Diphenhydramine	3	Benadryl
Dipyridamole	3	Persantine
Divalproex	3	Depakote
Dobutamine	3	Dobutrex
Doxazosin	3	
Doxylamine	3	Decapryn
Dyphylline	3	
Edrophonium	3	Tensilon
Eletripan	3	Relpax
Enalapril (metabolite Enalaprilat)	3	Vasotec
Erthrityl Tetranitrate	3	Cardilate
Esmolol	3	Brevibloc
Etamiphylline	3	
Ethacrynic acid	3	Edecrin
Ethosuximide	3	Zarontin
Ethylnorepinephrine	3	Bronkephrine
Etodolac	3	Lodine
Etofylline	3	
Felbamate	3	Felbatol
Fenbufen	3	Cincopal

Drug Name	Class	Trade Name(s)
Fenoldopam	3	Corlopam
Fenoprofen	3	Nalfon
Fenoterol	3	Berotec
Fenspiride	3	Respiride, Respan etc.
Fentiazac	3	
Flurbiprofen	3	Froben
Flufenamic acid	3	
Flupirtine	3	Katadolone
Formoterol	3	Altram
Fosinopril, (metabolite Fosinoprilat)	3	Monopril
Fosphenytoin	3	Cerebyx
Furosemide	3	Lasix
Gabapentine	3	Neurontin
Guanadrel	3	Hylorel
Guanethidine	3	Ismelin
Guanabenz	3	Wytensin
Heptaminol	3	Corofundol
Homatropine	3	Homapin
Hydralazine	3	Apresoline
Hydroxyethyl starch	3	
Ibutilide	3	Corvert
Iloprost	3	Ventavis
Indomethacin	3	Indocin
Indapamide	3	
Ipratropium	3	
Irbesarten	3	Avapro
Isoetharine	3	Bronkosol
Isosorbide dinitrate	3	Isordil
Kebuzone	3	
Ketorolac	3	Toradol
Labetalol	3	Normodyne
Lamotrigine	3	Lamictal
Levobunolol	3	Betagan
Lisinopril	3	Prinivil, Zestril
Loperamide	3	Imodium
Losartan	3	Hyzaar
Mabuterol	3	
Mannitol	3	
Mecamylamine	3	Inversine
Meclizine	3	Antivert, Bonine
Medetomidine	3	Domitor
Mefenamic acid	3	Ponstel



Drug Name	Class	Trade Name(s)
Mepenzolate	3	Cantil
Metaproterenol	3	Alupent, Metaprel
Methacholine	3	
Methantheline	3	Banthine
Methapyrilene	3	Histadyl etc.
Methdilazine	3	Tacaryl
Methixene	3	Trest
Methoxamine	3	Vasoxyl
Methoxyphenamine	3	Orthoxide
Methylatropine	3	
Methyldopa	3	Aldomet
Metolazone	3	
Metoprolol	3	Lopressor
Mibefradil	3	Posicor
Midazolam	3	Versed
Midodrine	3	Pro Amiline
Minoxidil	3	Loniten
Moexipril (metabolite moexiprilat)	3	Uniretic
Muscarine	3	
Nabumetone	3	Anthraxan, Relafen, Reliflex
Nadol	3	Corgard
Naloxone	3	Narcan
Naltrexone	3	Revia
Naratriptan	3	Amerge
Nebivolol	3	
Nefopam	3	
Neostigmine	3	Prostigmine
Nicotine & metabolite cotinine	3	
Niflumic Acid	3	Nifluril
Nimesulide	3	
Nylidrine	3	Arlidin
Olmesartan	3	Benicar
Oxcarbazepine	3	Trileptal
Oxprenolol	3	Trasicor
Papaverine	3	Pavagen, etc
Paramethadione	3	Paradione
Pargyline	3	Eutonyl
Penbutolol	3	Levatol
Pentaerythritol Tetranitrate	3	Duotrate
Pentazocine	3	Talwin
Pergolide	3	Permax
Perindopril	3	Biprel

Drug Name	Class	Trade Name(s)
Phenoxybenzamine	3	Dibenzyline
Phentolamine	3	Regitine
Phenylephrine	3	Isophrin, Neo-Synephrine
Phenylpropanolamine	3	Propadrine
Physostigmine	3	Eserine
Pindolol	3	Viskin
Pirbuterol	3	Maxair
Piretanide	3	Arelix, Tauliz
Plasma expanders	3	
Prazosin	3	Minipress
Primidone	3	Mysoline
Procaine	3	
Procaterol	3	Pro Air
Procyclidine	3	Kemadrin
Promazine	3	Sparine
Promethazine	3	Phenergan
Propantheline	3	Pro-Banthine
Propentophylline	3	Karsivan
Propranolol	3	Inderal
Protokylol	3	Ventaire
Pseudoephedrine	3	Cenafed, Novafed
Pyridostigmine	3	Mestinon, Regonol
Pyrilamine	3	Neoantergan, Equihist
Quinapril, Quinaprilat	3	Accupril
Ramipril, (metabolite ramiprilat)	3	Altace
Romifidine	3	Sedivet
Ritodrine	3	Yutopar
Rizatriptan	3	Maxalt
Salmeterol	3	
Sibutramine	3	Meridia
Sildenafil	3	Viagra
Sotalol	3	Betapace, Sotacor
Spirapril, (metabolite spiraprilat)	3	Renomax
Sulindac	3	Clinoril
Sumatriptan	3	Imitrex
Tadalafil	3	Cialis
TCO2	3	
Telmisartan	3	Micardis
Tenoxicam	3	Alganex etc.,
Tepoxalin	3	
Terazosin	3	Hytrin
Terbutaline	3	Brethine, Bricanyl

Drug Name	Class	Trade Name(s)
Theophylline	3	Aqualphyllin, etc
Thyroxine and thyroid modulators/hormones, including but not limited to those containing T4 (tetraiodothyronine/thyroxine), T3 (triiodothyronine), or combinations thereof.	3	Levothyroxine
Tiaprofenic Acid	3	Surgam
Timolol	3	Blocardrin
Tolazoline	3	Priscoline
Tolmetin	3	Tolectin
Torsemide (Torasemide)	3	Demadex
Trandolapril (metabolite Trandolaprilat)	3	Tarka
Trihexylphenidyl	3	Artane
Trimethadione	3	Tridione
Trimethaphan	3	Arfonad
Tripelennamine	3	PBZ
Tripolidine	4	Actidil
Valerenic Acid	3	
Valsartan	3	Diovan
Vardenafil	3	Levitra
Xylazine	3	Rompun, Bay Va 1470
Zolmitriptan	3	Zomig
Zonisamide	3	Zonegran
<b>CLASS 4:</b> 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 include less potent diuretics, corticosteroids, antihistamines and skeletal muscle relaxants without prominent CNS effects, expectorants and mucolytics, hemostatics, cardiac glycosides and antiarrhythmics, topical anesthetics, antidiarrheals and mild analgesics. This class also includes the non-steroidal anti-inflammatory drugs (NSAIDs):		
Acetaminophen (Paracetamol)	4	Tylenol, Tempra etc.
Acetanilid	4	
Acetazolamide	4	Diamox, Vetamox
Acetophenetidin (Phenacetin)	4	
Acetylcysteine	4	
Acetylsalicylic Acid (Aspirin)	4	
Alclometasone	4	Aclovate
Adrenochrome monosemicarbazone salicylate	4	
Aldosterone	4	Aldocortin, Electro cortin
Ambroxol	4	Ambriel, etc
Amcinonide	4	Cyclocort
Amiloride	4	Moduretic, Midamor
Aminocaproic acid	4	Amicar, Caprocid
Aminodarone	4	
2-Aminoheptaine	4	Tuamine
Aminopyrine	4	

Drug Name	Class	Trade Name(s)
Amiodarone	4	
Amisometradine	4	Rolictron
Amrinone	4	
Anisotropine	4	Valpin
Antipyrine	4	
Apazone (Azapropazone)	4	Rheumox
Aprindine	4	
Baclofen	4	Lioresal
Beclomethasone	4	Propaderm
Bendroflumethiazide	4	Naturetin
Benoxinate	4	Dorsacaine
Benzocaine	4	
Benzthiazide	4	
Bepidil	4	Bepadin
Betamethasone	4	Betasone, etc
Bethanechol	4	Urecholine, Duvoid
Bromhexine	4	Oletor, etc
Budesonide	4	Pulmacort, Rhinocort
Butamben (butyl aminobenzoate)	4	Butesin
Butoxycaine	4	Stadacain
N-Butylscopolamine or N-Butylscopolammonium	4	
Camphor	4	
Canrenone	4	
Carbazochrome	4	
Carprofen	4	Rimadyl
Cetirizine	4	Zyrtec
Chlormerodrin	4	Neohydrin
Chlorophenesin	4	Maolate
Chloroquine	4	Avloclor
Chlorothiazide	4	Diuril
Chlorpheniramine	4	Chlortriemton, etc
Chlorthalidone	4	Hydroton
Chlorzoxazone	4	Paraflex
Ciclesonide	4	
Cilostazol	4	
Clanobutin	4	
Clobetasol	4	Temovate
Clocortolone	4	Cloderm
Clofenamide	4	
Colchicine	4	
Cortisone	4	Cortone, etc

Drug Name	Class	Trade Name(s)
Corticotropic hormones	4	ACTH
Cyclobenzaprine	4	Flexeril
Cyclomethylcaine	4	Surfacaine
Cyclothiazide	4	Anhydron, Renazide
Dantrolene	4	Dantrium
Dembroxol (Dembrexine)	4	Sputolysin
Deoxycorticosterone	4	Percortin, DOCA, Descotone, Dorcostrin
Desonide	4	Des Owen
Desoximetasone	4	Topicort
Dexamethasone	4	Azium, etc
Dextromethorphan	4	
Dichlorphenamide	4	Daramide
Diclofenac	4	Voltaren, Voltarol
Diflorasone	4	Florone, Maxiflor
Diflucortolone	4	Flu-Cortinest etc.
Digitoxin	4	Crystodigin
Digoxin	4	Lanoxin
Dihydroergotamine	4	
Diltiazem	4	Cardizem
Dimethisoquin	4	Quotane
Dimethylsulfoxide (DMSO)	4	Domoso
Dipyrone	4	Novin, Methampyrone
Disopyramide	4	Norpace
Dyclonine	4	Dyclone
Eltenac	4	
Ergonovine	4	Ergotrate
Ergotamine	4	Gynergen, Cafergot etc.
Etanercept	4	Enbrel
Ethamsylate	4	
Ethotoin	4	Peganone
Ethoxzolamide	4	Cardrase, Ethamide
Ethylaminobenzoate (Benzocaine)	4	Semets, etc.
Felodipine	4	Plendil
Fexofenadine	4	Allegra
Firocoxib	4	
Flecainide	4	Idalon
Floctafenine	4	Idalon, Idarac
Fludrocortisone	4	Alforone etc
Flumethasone	4	Flucort etc
Flumethiazide	4	Ademol
Flunarizine	4	Sibelium
Flunisolide	4	Bronilide etc

Drug Name	Class	Trade Name(s)
Flunixin	4	Banamine
Fluocinolone	4	Synalar
Fluocinonide	4	Licon, Lidex
Fluorometholone	4	FML
Fluoroprednisolone	4	
Fluprednisolone	4	Alphadrol
Flurandrenolide	4	Cordran
Fluticasone	4	Flixonase, Flutide
Glycopyrrolate	4	Robinul
Guaifenesin (Glycerol guiacolate)	4	Gecolate
Halcinonide	4	Halog
Halobetasol	4	Ultravate
Hexocyclium	4	Tral
Hydrochlorthiazide	4	Hydrodiuril
Hydrocortisone (cortisol)	4	Cortef etc.
Hydroflumethiazide	4	Saluron
Ibuprofen	4	Motrin, Advil, Nurpin etc
Infliximab	4	Remicade
Isoflupredone	4	Predef 2x
Isometheptene	4	Octin, Octon
Isopropamide	4	Darbid
Isoxsuprine	4	Vasodilan
Isradipine	4	Dynacirc
Ketoprofen	4	Orudis
Letosteine	4	Visiotal (Viscotiol)
Loratidine	4	Claritin
Meclofenamic acid	4	Arquel
Medrysone	4	Medruisar etc.
Meloxicam	4	Mobic
Mephenesin	4	Tolserol
Meralluride	4	Mercurhydrin
Merbaphen	4	Novasural
Mercaptomerin	4	Thiomerin
Mercumalilin	4	Cumertilin
Mersalyl	4	Salyrgan
Metaxalone	4	Skelaxin
Methazolamide	4	Naptazane
Methocarbamol	4	Robaxin
Methotrexate	4	Folex, Nexate etc
Methoxyprogesterone	4	
Methscopolamine	4	Pamine
Methylchlorthiazide	4	Enduron

Drug Name	Class	Trade Name(s)
Methylergonovine	4	Methergine
Methylprednisolone	4	Medrol
Methysergide	4	Sansert
Metiamide	4	
Metoclopramide	4	Reglan
Methsuximide	4	Celontin
Methylaminoantipyrine	4	Antipyrine etc
Mexilitine	4	Mexilil
Milrinone	4	
Mometasone	4	Elocon
Montelukast	4	Singulair
Naphazoline	4	Privine
Naproxen	4	Equiproxen, Naprosyn
Nicardipine	4	Cardine
Nifedipine	4	Procardia
Nimodipine	4	Nemotop
Orphenadrine	4	Norlfex
Oxaprozin	4	Deflam, Daypro
Oxymetazoline	4	Afrin
Oxyphenbutazone	4	Tandearil
Oxyphencyclimine	4	Daricon
Oxyphenonium	4	Antrenyl
Paramethasone	4	Haldrone
Pentoxifylline	4	Trental, Vazofirin
Phenacemide	4	Phenurone
Phensuximide	4	Milontin
Phenylbutazone	4	Butazolidin, Equizone Etc.
Phenytoin	4	Dilantin
Piroxicam	4	Feldene
Polythiazide	4	Renese
Pramoxine	4	Tronothaine
Prednisolone	4	Delta-Cortef etc.
Prednisone	4	Meticorten, etc
Probenecid	4	
Procainamide	4	Pronestyl
Propafenone	4	Rythmol
Proparacaine	4	Ophthaine
Propylhexedrine	4	Benzedrex
Quinidine	4	Quinidex, Quinocardine
Salicylamide	4	
Salicylate	4	
Scopolamine (Hyoscine)	4	Triptone

Drug Name	Class	Trade Name(s)
Spironolactone	4	Aldactone
Sulfasalazine	4	Azulfidine, Azaline
Terfenadine	4	Seldane, Triludan
Tetrahydrozoline	4	Tyzine
Theobromine	4	
Thiosalicylate	4	
Thiphenamil	4	Trocinate
Tocainide	4	Tonocard
Tolfenamic acid	4	
Tranexamic acid	4	
Triamcinolone	4	Vetalog etc
Triamterene	4	Dyrenium
Trichlormethiazide	4	Naqua, Naquasone
Tridihexethyl	4	Pathilon
Trimeprazine	4	Temaril
Tuaminoheptane	4	Tuamine
Vedaprofen	4	
Verapamil	4	Calan, Isoptin
Xylometazoline	4	Otrivin
Zafirlukast	4	Accolate
Zeranol	4	Ralgro
Zileuton	4	Zyflo
<b>CLASS 5:</b> This class includes therapeutic medications as well as certain miscellaneous agents such as DMSO and other medications. Included specifically are agents that have very localized actions only, such as anti-ulcer drugs and certain anti-allergic drugs. The anticoagulant drugs are also included:		
Acenocoumarol	5	
Anisindione	5	
Arsenic	5	
Cimetidine	5	Tagamet
Cromolyn	5	Intal
Dicumarol	5	Dicumarol
Dimethylsulphone (MSM)	5	
Diphenadione	5	
Esomeprazole	5	Nexium
Famotidine	5	Gaster etc
Lansoprazole	5	
Mesalamine	5	Asacol
Misoprostel	5	Cytotec
Nedocromil	5	Tilade
Nizatidine	5	Axid
Olsalazine	5	Dipentum
Omeprazole	5	Prilosec, Losec



Drug Name	Class	Trade Name(s)
Pantoprazole	5	Protonix
Phenindione	5	Hedulin
Phenprocoumon	5	Liquamar
Pirenzapine	5	Gastrozepin
Polyethylene glycol	5	
Rabeprazole	5	Aciphex
Ranitidine	5	Zantac
Warfarin	5	Coumadin, Coufarin

### **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 infectious or parasite infestations, are not classified. Those substances normally include antimicrobials, antiparasitic drugs, and nutrients such as Vitamins, Examples of such substances include the following:

- Antibiotics :**
- Penicillins
  - Cephalosporins
  - Chloramphenicol
  - Aminoglycosides
  - Sulfonamides and trimethoprim
  - Tetractckubes(Tetracyclines)
  - Nitrofurans
  - Metronidazole
- Anthelmintics :**
- Avermectins
  - Benzimidazoles
  - Piperazines
  - Pyrantel
  - Tetramisole

#### **Antifungals**

- Vitamins**
- A, D, E, K, B, Vitamins
  - Vitamin C

### **ALPHABETICAL LIST OF PROHIBITED SUBSTANCES**

Drug Name	Class	Trade Name(s)
3,4-Methylenedioxypyro-valerone	1	MDPV, "Bath Salts"
3-Methoxytyramine	2	3-MT
Acebutolol	3	Sectral
Acetcarbromal	2	
Acenocoumarol	5	
Acepromazine	3	Atrovet, Notensil, PromAce ®
Acetaminophen (Paracetamol)	4	Tylenol, Tempra etc.
Acetanilid	4	
Acetazolamide	4	Diamox, Vetamox
Acetophenazine	2	Tindal
Acetophenetidin (Phenacetin)	4	

Drug Name	Class	Trade Name(s)
Acetylcysteine	4	
Acetylsalicylic Acid (Aspirin)	4	
Alclometasone	4	Aclovate
Adinazolam	2	
Adrenochrome monosemicarbazone salicylate	4	
Albumin	3	
Albuterol (Salbutamol)	3	Proventil, Ventolin
Alclofenac	2	
Alcuronium	2	Alloferin
Aldosterone	4	Aldocortin, Electrocortin
Almotriptan	3	Axert
Alpidem	2	Anaxyl
Alprazolam	2	Xanax
Alprenolol	2	
Althesin	2	Saffan
Ambenonium	3	Mytelase, Myeuran
Ambroxol	4	Ambril, etc
Amcinonide	4	Cyclocort
Amiloride	4	Moduretic, Midamor
Aminocaproic acid	4	Amicar, Caprocid
Aminodarone	4	
2-Aminoheptaine	4	Tuamine
Aminophylline	3	Aminophyllin etc.
Aminopyrine	4	
Amisometradine	4	Rolictron
Amisulpride	2	Solian
Amitraz	3	Mitaban
Amitriptyline	2	Elavil, Amitril, Endep
Amlodipine	3	Ammivin, Norvasc
Amiodarone	4	
Amoxapine	2	Asendin
Amperozide	2	
Amrinone	4	
Amyl nitrite	2	
Anilopam	2	Anisine
Anisindione	5	
Anisotropine	4	Valpin
Antipyrine	4	
Apazone (Azapropazone)	4	Rheumox
Apomorphine	1	
Aprindine	4	
Aprobarbital	2	Alurate

Drug Name	Class	Trade Name(s)
Arecoline	3	
Arformoterol	3	
Arsenic	5	
Articaine	2	Septocaine; Ultracaine etc.
Atenolol	3	Tenormin
Atipamazole	2	
Atomoxetine	2	Strattera
Atracurium	2	Tracrium
Atropine	3	
Azacylonol	2	Frenque
Azaperone	2	Stresnil, Suicalm, Fentaz,(with Fentanyl)
Baclofen	4	Lioresal
Barbital	2	Veronal
Barbiturates	2	
Beclomethasone	4	Propaderm
Bemegride	2	Megimide, Mikedimide
Benazepril	3	Lotrel, Lotensin and MC-Tab
Bendroflumethiazide	4	Naturetin
Benoxaprofen	2	
Benoxinate	4	Dorsacaine
Benperidol	2	Anquil
Bentazepam	2	Tiadipona
Benzactizine	2	Deprol, Bronchodiletten
Benzocaine	4	
Benzoctamine	2	
Benzodiazepines	2	
Benzonatate	2	Tessalon, Tessalon, Perles, Zonatuss
Benzphetamine	2	Didrex
Benzthiazide	4	
Benztropine	2	Cogentin
Benzyloperazine(BZP)	1	
Bepidil	4	Bepadin
Betamethasone	4	Betasone, etc
Betaxolol	3	Kerlone
Bethanechol	4	Urecholine, Duvoid
Bethanidine	3	Esbatol
Biperiden	3	Akineton
Biriperone	2	
Bisoprolol	3	Zebeta, Bisobloc etc
Bitolterol	3	Effectin
Botulinum toxin	2	
Bretylium	3	Bretylol

Drug Name	Class	Trade Name(s)
Brimonidine	2	Alphagan
Bromazepam	2	Lexotan, Lectopam
Bromfenac	3	Duract
Bromhexine	4	Oletor, etc
Bromisovalum	2	Diffucord, etc
Bromocriptine	2	Pariodel
Bromodiphenhydramine	3	
Bromperidol	2	Bromidol
Brompheniramine	3	Dimetane, Disomer
Brotizolam	2	Brotocol
Budesonide	4	Pulmacort, Rhinocort
Bufexamac	3	
Bumetanide	3	Bumex
Bupivacaine	2	Marcaine
Buprenorphine	2	Temgesic
Bupropion	2	Wellbutrin
Buspirone	2	Buspar
Butabarbital (Secbutobarbitone)	2	Butacaps, Butasol, etc.
Butacaine	2	Butyn
Butalbital(Talbutal)	2	Fiorinal
Butamben (butyl aminobenzoate)	4	Butesin
Butanilcaine	2	Hostacain
Butaperazine	2	Repoise
Butoctamide	2	Listomin
Butorphanol	3	Stadol, Torbugesic
Butoxycaine	4	Stadacain
Bycerol	3	
N-Butylscopolamine or N-Butylscopolammonium	4	
Caffeine	2	
Camazepam	2	Paxor
Camphor	4	
Candesartan	3	Atcand
Canrenone	4	
Capsaisin	2	
Captodiame	2	Covatine
Captopril	3	Capolen
Carazolol	3	Carbacel, Conduction
Carbachol	3	Lentin, Doryl
Carbazochrome	4	
Carbamezapine	3	Tegretol
Carbidopa+Levodopa	2	Sinemet

Drug Name	Class	Trade Name(s)
Carbinoxamine	3	Clistin
Carbromol	2	Mifudorm
Carisoprodol	2	Rela, Soma
Carphenazine	2	Proketazine
Carpipramine	2	Prazinil
Carprofen	4	Rimadyl
Carteolol	3	Cartrol
Carticaine(See articaine)	2	Septocaine; Ultracaine, etc.
Carvedilol	3	Coreg
Celecoxib	3	Celebrex
Cetirizine	4	Zyrtec
Chloral betaine	2	Beta-chlor
Chloral hydrate	2	Nactec, Oridrate, etc
Chloraldehyde(chloral)	2	
Chloralose (Alpha-chloralose)	2	
Chlordiazepoxide	2	Librium
Chlorhexidol	2	
Chlormerodrin	4	Neohydrin
Chlormezanone	2	Trancopal
Chloroform	2	
Chlorophenesin	4	Maolate
Chloroprocaine	2	Nesacaine
Chloroquine	4	Avlocor
Chlorothiazide	4	Diuril
Chlorpheniramine	4	Chlortriemton, etc
Chlorproethazine	2	Newiplege
Chlorpromazine	1	Thorazine, Largactil
Chlorprothixene	2	Taractan
Chlorthalidone	4	Hydroton
Chlorzoxazone	4	Paraflex
Ciclesonide	4	
Cilostazol	4	Pletal
Cimeterol	3	
Cimetidine	5	Tagamet
Cinchocaine	2	Nupercaine
Citalopram	2	Celex
Clanobutin	4	
Clemastine	3	Tavist
Clenbuterol	2	Ventipulmin
Clibucaine	2	Batrax
Clidinium	3	Quarezan, Clindex etc

Drug Name	Class	Trade Name(s)
Clobazam	2	Urbanyl
Clobetasol	4	Temovate
Clocapramine	2	
Clocortolone	4	Cloderm
Clofenamide	4	
Clomethiazole (Chlormethiazole)	2	
Clomipramine	2	Anafranil
Clonazepam	2	Klonopin
Clonidine	3	Catapres
Clorazepate	2	Tranxene
Clormecaine	2	Placacid
Clothiapine	2	Entermin
Clotiazepam	2	Trecalmo, Rize
Cloxazolam	2	Enadel, Sepazon, Tolestan
Clozapine	2	Clozaril, Leponex
Cobalt	3	
Colchicine	4	
Conorphone	2	
Corticaine	2	Ultracain
Corticotropic hormones	4	ACTH
Cortisone	4	Cortone, etc
Cromolyn	5	Intal
Crotetamide	2	
Cyamemazine	2	Tercian
Cyclandelate	3	Cyclospasmol
Cyclizine	3	Merazine
Cyclobarbitol	2	Phanodorm
Cyclobenzaprine	4	Flexeril
Cyclomethylcaine	4	Surfacaine
Cyclothiazide	4	Anhydron, Renazide
Cycrimine	3	Pagitane
Cyproheptadine	3	Periactin
Dantrolene	4	Dantrium
Decamethonium	2	Syncurine
Dembroxol (Dembrexine)	4	Sputolysin
Demoxepam	2	
Deoxycorticosterone	4	Percortin, DOCA, Descotone, Dorcostrin
Deracoxib	3	Deremaxx
Desipramine	2	Norpromine, Pertofrane
Desonide	4	Des Owen
Desoximetasone	4	Topicort
Detomidine	3	Dormosedan

Drug Name	Class	Trade Name(s)
Dexamethasone	4	Azium, etc
Dextran	3	
Dextromethorphan	4	
Dezocine	2	Dalgan
Diazepam	3	Valium
Diazoxide	3	Proglycem
Dibucaine	2	Nupercainal, Cinchocaine
Dichloralphenazone	2	Febenol, Isocom
Dichlorphenamide	4	Daramide
Diclofenac	4	Voltaren, Voltarol
Dicumarol	5	Dicumarol
Diethylpropion	2	Tepanil, etc.
Diflorasone	4	Florone, Maxiflor
Diflucortolone	4	Flu-Cortinest etc.
Diflunisal	3	
Digitoxin	4	Crystodigin
Digoxin	4	Lanoxin
Dihydroergotamine	4	
Diisopropylamine	3	
Dilorazepam	2	Briantum
Diltiazem	4	Cardizem
Dimeflin	3	
Dimethisoquin	4	Quotane
Dimethylsulfoxide (DMSO)	4	Domoso
Dimethylsulphone(MSM)	5	
Diphenadione	5	
Diphenhydramine	3	Benadryl
Dipyridamole	3	Persantine
Dipyrone	4	Novin, Methampyrone
Di-isopropylamine	3	
Disopyramide	4	Norpace
Divalproex	3	Depakote
Dixyrazine	2	Esucos
Dobutamine	3	Dobutrex
Dopamine	2	Intropin (Derivative: 3-Methpxytyramine)
Donepezil	1	Aricept
Doxacurium	2	Nuromax
Doxapram	2	Dopram
Doxazosin	3	
Doxefazepam	2	Doxans
Doxepin	2	Adapin, Sinequan
Doxylamine	3	Decapryn

Drug Name	Class	Trade Name(s)
Droperidol	2	Inapsine, Droleptan, Innovar-Vet (with Fentanyl)
Duloxetine	2	
Dyclonine	4	Dyclone
Dyphylline	3	
Edrophonium	3	Tensilon
Eletripan	3	Relpax
Eltenac	4	
Enalapril (metabolite Enalaprilat)	3	Vasotec
Enciprazine	2	
Endorphins	1	
Enkephalins	1	
Ephedrine	2	
Epibatidine	2	
Epinephrine	2	
Ergoloid Mesylates (dihydroergocornine Mesylate, dihydroergocristine mesylate & dihydroergocryptine mesylate)	2	Hydergine,
Ergonovine	4	Ergotrate
Ergotamine	4	Gynergen, Cafergot, etc.
Erthryl Tetranitrate	3	Cardilate
Esmolol	3	Brevibloc
Esomeprazole	5	Nexium
Estazolam	2	Domnamid, Eurodin, Nuctalon
Eszopiclone	2	
Etamiphylline	3	
Etanercept	4	Enbrel
Ethacrynic acid	3	Edecrin
Ethamivan	2	
Ethamsylate	4	
Ethanol	2	
Ethchlorvynol	2	Placidyl
Ethinamate	2	Valmid
Ethoheptazine	2	Zactane
Ethopropazine	2	Parsidol
Ethosuximide	3	Zarontin
Ethotoin	4	Peganone
Ethoxzalamide	4	Cardrase, Ethamide
Ethylaminobenzoate (Benzocaine)	4	Semets, etc
Ethylisobutrazine	2	Diquel
Ethylnorepinephrine	3	Bronkephrine
Ethylphenidate	1	
Etidocaine	2	Duranest
Etifoxin	2	Stresam



Drug Name	Class	Trade Name(s)
Etizolam	2	Depas, Pasaden
Etodolac	3	Lodine
Etodroxizine	2	Indunox
Etofylline	3	
Etomidate	2	
Famotidine	5	Gaster etc
Felbamate	3	Felbatol
Felodipine	4	Plendil
Fenarbamate	2	Tymium
Fenbufen	3	Cincopal
Fenclozic acid	2	Myalex
Fenfluramine	2	Pondimin
Fenoldopam	3	Corlopam
Fenoprofen	3	Nalfon
Fenoterol	3	Berotec
Fenspiride	3	Respiride, Respan etc.
Fentiazac	3	
Fexofenadine	4	Allegra
Firocoxib	4	
Flecainide	4	Idalon
Floctafenine	4	Idalon, Idarac
Fluanisone	2	Sedalande
Fluocinolone	4	Synalar, etc
Fludiazepam	2	Erispam
Fludrocortisone	4	Alforone etc
Flufenamic acid	3	
Flumethasone	4	Flucort etc
Flumethiazide	4	Ademol
Flunarizine	4	Sibelium
Flunisolide	4	Bronilide etc
Flunitrazepam	2	Rohypnol, Narcozep Darkene, Hypnodorm
Flunixin	4	Banamine
Fluocinonide	4	Licon, Lidex
Flupromazine	2	Psyquil, Siquil
Fluoresone	2	Caducid
Fluorometholone	4	FML
Fluoroprednisolone	4	
Fluoxetine	2	Prozac
Flupenthixol	2	Depixol, Fluanxol
Fluphenazine	2	Prolixin, Permitil, Anatensol etc.
Flupirtine	3	Katadolone
Fluprednisolone	4	Alphadrol

Drug Name	Class	Trade Name(s)
Flurandrenolide	4	Cordran
Flurazepam	2	Dalmane
Flurbiprofen	3	Froben
Fluspirilene	2	Imap, Rediptin
Fluticasone	4	Flixonase, Flutide
Flutoprazepam	2	Restas
Fluvoxamine	2	Dumirox, Faverin etc.
Formoterol	3	Altram
Fosinopril, (metabolite Fosinoprilat)	3	Monopril
Fosphenytoin	3	Cerebyx
Furosemide	3	Lasix
Gabapentine	3	Neurontin
Galantamine	2	Reminyl
Gallamine	2	Flaxedil
Gepirone	2	
Glycopyrrolate	4	Robinul
Guaifenesin (Glycerol guiacolate)	4	Gecolate
Guanadrel	3	Hylorel
Guanethidine	3	Ismelin
Guanabenz	3	Wytensin
Halazepam	2	Paxipam
Halcinonide	4	Halog
Halobetasol	4	Ultravate
Haloperidol	2	Haldol
Haloxazolam	2	Somelin
Hemoglobin Glutamers	2	Oxyglobin, Hemopure
Heptaminol	3	Corofundol
Hexafluorenum	2	Myalexen
Hexobarbital	2	Evipal
Hexocyclium	4	Tral
Hexylcaine	2	Cyclaine
Homatropine	3	Homapin
Homophenazine	2	Pelvichthol
Hordenine	2	
Hydralazine	3	Apresoline
Hydrochlorthiazide	4	Hydrodiuril
Hydrocortisone(cortisol)	4	Cortef etc.
Hydroflumethiazide	4	Saluron
Hydroxyamphetamine	1	Paradrine
Hydroxyethyl starch	3	
Hydroxyzine	2	Atarax
Ibomal	2	Noctal

Drug Name	Class	Trade Name(s)
Ibuprofen	4	Motrin, Advil, Nurpin etc.
Ibutilide	3	Corvert
Iloprost	3	Ventavis
Imipramine	2	Imavate, Presamine, Tofranil
Indapamide	3	
Indomethacin	3	Indocin
Infliximab	4	Remicade
Ipratropium	3	
Irbesarten	3	Avapro
Isapirone	2	
Isocarboxazid	2	Marplan
Isoetharine	3	Bronkosol
Isoflupredone	4	Predef 2x
Isometheptene	4	Octin, Octon
Isopropamide	4	Darbid
Isoproterenol	2	Isoprel
Isosorbide dinitrate	3	Isordil
Isoxicam	2	Maxicam
Isoxsuprine	4	Vasodilan
Isradipine	4	Dynacirc
Kebuzone	3	
Ketamine	2	Ketalar, Ketaset, Vetalar
Ketazolam	2	Anaxon, Laftram, Solatran
Ketoprofen	4	Orudis
Ketorolac	3	Toradol
Labetalol	3	Normodyne
Lamotrigine	3	Lamictal
Lansoprazole	5	
Lenperone	2	Elanone-V
Letosteine	4	Visiotol (Viscotiol)
Levamisole	2	
Levobunolol	3	Betagan
Lidocaine	2	Xylocaine
Lisinopril	3	Prinivil, Zestril
Lithium	2	Lithizine, Duralith etc.
Lobeline	2	
Lofentanil	1	
Loflazepate, Ethyl	2	Victan
Loperamide	3	Imodium
Loprazolam	2	Dormonort, Havlane
Loratidine	4	Claritin
Lorazepam	2	Ativan

Drug Name	Class	Trade Name(s)
Lormetazepam	2	Noctamid
Losartan	3	Hyzaar
Loxapine	2	Laxitane
Mabuterol	3	
Mannitol	3	
Maprotiline	2	Ludiomil
Mazindol	1	Sanorex
Mebutamate	2	Axiten, Dormate, Capla
Mecamylamine	3	Inversine
Meclizine	3	Antivert, Bonine
Meclofenamic acid	4	Arquel
Meclofenoxate	2	Lucidril etc.
Medazepam	2	Nobrium etc.
Medetomidine	3	Domitor
Medrysone	4	Medruisar etc.
Mefenamic acid	3	Ponstel
Meldonium	1	Mildronate
Meloxicam	4	Mobic
Melperone	2	Eunerpan
Memantine	2	Namenda
Meparfynol	2	Oblivon
Mepazine	2	Pacatal
Mepenzolate	3	Cantil
Mephenesin	4	Tolserol
Mephenoxalone	2	Control, etc
Mephentermine	1	Wyamine
Mephénytoin	2	Mesantoin
Mephobarbital (Methylphenobarbital)	2	Mebaral
Mepivacaine	2	Carbocaine
Meprobamate	2	Equanil, Miltown
Meralluride	4	Mercuryhydrin
Merbaphen	4	Novasural
Mercaptomerin	4	Thiomerin
Mercumalilin	4	Cumertilin
Mersalyl	4	Salyrgan
Mesalamine	5	Asacol
Mesoridazine	2	Serentil
Metaclozepam	2	Talis
Metaproterenol	3	Alupent, Metaprel
Metaraminol	1	Aramine
Metaxalone	4	Skelaxin
Metformin	2	

Drug Name	Class	Trade Name(s)
Methacholine	3	
Methantheline	3	Banthine
Methapyrilene	3	Histadyl, etc
Metharbital	2	Gemonil
Methazolamide	4	Naptazane
Methdilazine	3	Tacaryl
Methixene	3	Trest
Methocarbamol	4	Robaxin
Methohexital	2	Brevital
Methotrexate	4	Folex, Nexate etc
Methotrimeprazine	2	Levoprome, Neurocil etc.
Methoxamine	3	Vasoxyl
Methoxyphenamine	3	Orthoxide
Methoxyprogesterone	4	
Methscopolamine	4	Pamine
Methsuximide	4	Celontin
Methylaminoantipyrine	4	Antipyrine etc.
Methylatropine	3	
Methylchlorthiazide	4	Enduron
Methyldienolone	3	
Methyldopa	3	Aldomet
Methylergonovine	4	Methergine
Methylprednisolone	4	Medrol
Methypylon	2	Noludar
Methysergide	4	Sansert
Metiamide	4	
Metoclopramide	4	Reglan
Metocurine	2	Metubine
Metolazone	3	
Metomidate	2	Hypnodil
Metoprolol	3	Lopressor
Mexazolam	2	Melex
Mexilitine	4	Mexilil
Mibefradil	3	Posicor
Midazolam	3	Versed
Midodrine	3	Pro Amiline
Milrinone	4	
Minoxidil	3	Loniten
Mirtazepine	2	Remeron
Misoprostel	5	Cytotec
Mitragynine	1	Kratom
Mivacurium	2	Mivacron

Drug Name	Class	Trade Name(s)
Modafinil	2	Provigil
Moexipril (metabolite moexiprilat)	3	Uniretic
Molindone	2	Moban
Mometasone	4	Elocon
Montelukast	4	Singulair
Moperone	2	Luvatren
Mosaprimine	2	
Muscarine	3	
Nabumetone	3	Anthraxan, Relafen, Reliflex
Nadolol	3	Corgard
Naepaine	2	Amylsine
Nalbuphine	2	Nubain
Nalorphine	2	Nalline, Lethidrone
Naloxone	3	Narcan
Naltrexone	3	Revia
Naphazoline	4	Privine
Naproxen	4	Equiproxen, Naprosyn
Naratriptan	3	Amerge
Nebivolol	3	
Nedocromil	5	Tilade
Nefazodone	2	Serzone
Nefopam	3	
Neostigmine	3	Prostigmine
Nicardipine	4	Cardine
Nicotine & metabolite cotinine	3	
Nifedipine	4	Procardia
Niflumic acid	3	Nifluril
Nikethamide	1	Coramine
Nimesulide	3	
Nimetazepam	2	Erimin
Nimodipine	4	Nemotop
Nitrazepam	2	Mogadon
Nitroglycerine	2	
Nizatidine	5	Axid
Nordiazepam	2	Calmday, Nordaz etc.
Norepinephrine	2	
Nortriptyline	2	Aventyl, Pamelor
Nylidrine	3	Arlidin
Olanzapine	2	Zyprexa
Olmesartan	3	Benicar

Drug Name	Class	Trade Name(s)
Olsalazine	5	Dipentum
Omeprazole	5	Prilosec, Losec
Orphenadrine	4	Norlfex
Oxaprozin	4	Deflam, Daypro
Oxazepam	2	Serax
Oxazolam	2	Serenal
Oxcarbazepine	3	Trileptal
Oxilofrine (hydroxyephedrine)	2	
Oxprenolol	3	Trasicor
Oxycodone	1	Percodan
Oxymetazoline	4	Afrin
Oxymorphone	1	Numorphan
Oxyperitine	2	Forit, Integrin
Oxyphenbutazone	4	Tandearil
Oxyphencyclimine	4	Daricon
Oxyphenonium	4	Antrenyl
Paliperidone	2	
Pancuronium	2	Pavulon
Pantoprazole	5	Protonix
Papaverine	3	Pavagen, etc
Paraldehyde	2	Paral
Paramethadione	3	Paradione
Paramethasone	4	Haldrone
Pargyline	3	Eutonyl
Paroxetine	2	Paxil, Seroxat
Pemoline	1	Cylert
Penbutolol	3	Levatol
Penfluridol	2	Cyperon
Pentaerythritol Tetranitrate	3	Duotrate
Pentazocine	3	Talwin
Pentobarbital	2	Nembutal
Pentoxyfylline	4	Trental, Vazofirin
Pentylentetrazol	1	Metrazol, Nioric
Perazine	2	Taxilan
Pergolide	3	Permax
Periciazine	2	Alodept, etc
Perindopril	3	Biprel
Perlapine	2	Hypnodin
Perphenazine	2	Trilafon
Phenacemide	4	Phenurone
Phenaglycodol	2	Acalo, Alcamid, etc.
Phenazocine	1	Narphen

Drug Name	Class	Trade Name(s)
Phencyclidine(PCP)	1	Sernylan
Phendimetrazine	1	Bontril, etc.
Phenelzine	2	Nardelzine, Nardil
Phenindione	5	Hedulin
Phenmetrazine	1	Preludin
Phenobarbital	2	Luminal
Phenoxybenzamine	3	Dibenzyline
Phenprocoumon	5	Liquamar
Phensuximide	4	Milontin
Phentermine	2	Lomamin
Phentolamine	3	Regitine
Phenylbutazone	4	Butazolidin, Equizone etc.
Phenylephrine	3	Isophrin, Neo-Synephrine
Phenylpropanolamine	3	Propadrine
Phenytoin	4	Dilantin
Physostigmine	3	Eserine
Picrotoxin	1	
Piminodine	2	Alvodine, Cimadon
Pimobendan	2	
Pimozide	2	Orap
Pinazepam	2	Domar
Pindolol	3	Viskin
Pipamperone	2	Dipieron
Pipecuronium	2	Arduan
Pipequaline	2	
Piperacetazine	2	Psymod, Quide
Piperocaine	2	Metycaine
Pipotiazine	2	Lonseren, Piportil
Pipradrol	2	Dataril, Gerondyl etc
Piquindone	2	
Pirbuterol	3	Maxair
Pirenzapine	5	Gastrozepin
Piretanide	3	Arelix, Tauliz
Piroxicam	4	Feldene
Plasma expanders	3	
Polyethylene glycol	5	
Polythiazide	4	Renese
Pramoxine	4	Tronothaine
Prazepam	2	Verstran, Centrax
Prazosin	3	Minipress
Prednisolone	4	Delta-Cortef etc.
Prednisone	4	Meticorten, etc



Drug Name	Class	Trade Name(s)
Prilocaine	2	Citanest
Primidone	3	Mysoline
Probenecid	4	
Procainamide	4	Pronestyl
Procaine	3	
Procaterol	3	Pro Air
Prochlorperazine	2	Darbazine, Compazine
Procyclidine	3	Kemadrin
Promazine	3	Sparine
Promethazine	3	Phenergan
Propafenone	4	Rythmol
Propanidid	2	
Propantheline	3	Pro-Banthine
Proparacaine	4	Ophthaine
Propentophylline	3	Karsivan
Propiomazine	2	Largon
Propionylpromazine	2	Tranvet
Propofol	2	Diprivan, Disoprivan
Propoxycaine	2	Ravocaine
Propranolol	3	Inderal
Propylhexedrine	4	Benzedrex
Prothipendyl	2	Dominal
Protokylol	3	Ventaire
Protriptyline	2	Concordin, Triptil
Proxibarbitol	2	Axeen, Centralgol
Pseudoephedrine	3	Cenafed, Novafed
Pyridostigmine	3	Mestinon, Regonol
Pyrilamine	3	Neoantergan, Equihist
Pyrithyldione	2	Hybersulfan, Sonodor
Quazipam	2	Doral
Quetiapine	2	Seroquel
Quinapril, metabolite Quinaprilat	3	Accupril
Quinidine	4	Quinidex, Quinocardine
Rabeprazole	5	Aciphex
Racemethorphan	2	
Racemorphan	2	
Raclopride	2	
Ractopamine	2	Paylean
Ramipril, (metabolite ramiprilat)	3	Altace
Ranitidine	5	Zantac
Remifentanyl	1	Ultiva
Remoxipride	2	Roxiam

Drug Name	Class	Trade Name(s)
Reserpine	2	Serpasil
Rilmazafone	2	
Risperidone	2	
Ritanserlin	2	
Ritodrine	3	Yutopar
Rivastigmine	2	Exelon
Rizatriptan	3	Maxalt
Rocuronium	2	Zemuron
Rofecoxib	2	Vioxx
Romifidine	3	Sedivet
Ropivacaine	2	Naropin
Salicylamide	4	
Salicylate	4	
Salmeterol	3	
Scopolamine (Hyoscine)	4	Triptone
Secobarbital (Quinalbarbitone)	2	Seconal
Selegiline	2	Eldepryl, Jumex
Sertraline	2	Lustral, Zoloft
Sibutramine	3	Meridia
Sildenafil	3	Viagra
Sotalol	3	Betapace, Sotacor
Spiclomazine	2	
Spiroperone	2	
Spirapril, (metabolite spiraprilat)	3	Renomax
Spirovalactone	4	Aldactone
Strychnine	1	
Succinylcholine	2	Sucostrin, Quelin etc.
Sufentanil	1	Sufenta
Sulfasalazine	4	Azulfidine, Azaline
Sulfondiethylmethane	2	
Sulfonmethane	2	
Sulforidazine	2	Inofal
Sulindac	3	Clinoril
Sulpiride	2	Aiglonyl, Sulpitil
Sultopride	2	Barnetil
Sumatriptan	3	Imitrex
Synthetic Cannabis	1	Spice, K2, Kronic
Tadalafil	3	Cialis
Talbutal	2	Lotusate
Tandospirone	2	
TCO2	3	
Telmisartan	3	Micardis

Drug Name	Class	Trade Name(s)
Temazepam	2	Restoril
Tenoxicam	3	Alganex etc.,
Tepoxalin	3	
Terazosin	3	Hytrin
Terbutaline	3	Brethine, Bricanyl
Terfenadine	4	Seldane, Triludan
Tetrabenazine	2	Nitoman
Tetracaine	2	Pontocaine
Tetrahydrozoline	4	Tyzine
Tetrazepam	2	Musaril, Myolastin
Thebaine	2	
Theobromine	4	
Theophylline	3	Aqualphyllin, etc
Thialbarbital	2	Kemital
Thiamylal	2	Surital
Thiethylperazine	2	Torecan
Thiopental	2	Pentothal
Thiopropazate	2	Dartal
Thiopropazine	2	Majeptil
Thioridazine	2	Mellaril
Thiosalicylate	4	
Thiothixene	2	Navane
Thiphenamil	4	Trocinate
Thyroxine and thyroid modulators/ hormones, including but not limited to those containing T4 (tetraiodothyronine/thyroxine), T3 (triiodothyronine), or combinations thereof.	3	Levothyroxine
Tiaprider	2	Italprid, Luxoben etc.
Tiaprofenic acid	3	Surgam
Tiletamine	2	Component of Telazol
Timiperone	2	Tolopelon
Timolol	3	Blocadrin
Tocainide	4	Tonocard
Tofisopam	2	Grandaxain, Seriel
Tolazoline	3	Priscoline
Tolfenamic acid	4	
Tolmetin	3	Tolectin
Topirimate	2	Topamax
Torsemide (Torasemide)	3	Demadex
Tramadol	2	Ultram
Trandolapril (metabolite Trandolaprilat)	3	Tarka
Tranexamic acid	4	
Tranylcypromine	2	Parnate

Drug Name	Class	Trade Name(s)
Trazodone	2	Desyrel
Tretoquinol	2	Inolin
Triamcinolone	4	Vetalog etc
Triamterene	4	Dyrenium
Triazolam	2	Halcion
Tribromethanol	2	
Tricaine Methanesulfonate	2	Finquel
Trichlormethiazide	4	Naqua, Naquasone
Trichloroethanol	2	
Trichloroethylene	2	Trilene, Trimar
Triclofos	2	Triclos
Tridihexethyl	4	Pathilon
Trifluomeprazine	2	Nortran
Trifluoperazine	2	Stelazine
Trifluperidol	2	Triperidol
Triflupromazine	2	Vetame, Vesprin
Trihexylphenidyl	3	Artane
Trimeprazine	4	Temaril
Trimethadione	3	Tridione
Trimethaphan	3	Arfonad
Trimipramine	2	Surmontil
Tripelennamine	3	PBZ
Tripolidine	3	Actidil
Tubocurarine(Curare)	2	Metubin
Tybamate	2	Benvil, Nospan etc
Urethane	2	
Valdecoxib	2	
Valerenic Acid	3	
Valnoctamide	2	Nirvanyl
Valsartan	3	Diovan
Vardenafil	3	Levitra
Vedaprofen	4	
Venlafaxine	2	Efflexor
Veralipride	2	Accional, Veralipril
Verapamil	4	Calan, Isoptin
Vercuronium	2	Norcuron
Viloxazine	2	Catatrol, Vivalan etc
Vinbarbital	2	Delvinol
Vinylbital	2	Optanox, Speda
Warfarin	5	Coumadin, Coufarin
Xylazine	3	Rompun, Bay Va 1470
Xylometazoline	4	Otrivin

Drug Name	Class	Trade Name(s)
Yohimbine	2	
Zafirlukast	4	Accolate
Zaleplon	2	Sonata
Zeranol	4	Ralgro
Ziconotide	1	
Zileuton	4	Zyflo
Zilpaterol Hydrochloride	2	Zilpaterol
Ziprasidone	2	Geoden
Zolazepam	2	
Zolmitriptan	3	Zomig
Zolpidem	2	Ambien, Stilnox
Zomepirac	2	Zomax
Zonisamide	3	Zonegran
Zopiclone	2	Imovan
Zotepine	2	Lodopin
Zuclopenthixol	2	Ciatyl, Cesordinol

**THIS DOCUMENT IS A GENERAL REFERENCE AND NOT A COMPREHENSIVE LIST. THIS LIST DESCRIBES THE BASIC OR PARENT CHEMICAL AND DOES NOT DESCRIBE THE SALTS, ISOMERS AND SALTS OF ISOMERS, ESTERS, ETHERS AND DERIVATIVES, WHICH MAY ALSO BE CONTROLLED SUBSTANCES.**

## **PUNISHMENTS WITH REGARDS TO INFRINGEMENTS IN DETECTION OF PROHIBITED SUBSTANCES**

### **CLASS OF DRUGS**

### **NORMS**

<b><u>Class 1 Drug</u></b>	90 days to 3yrs suspension / non-grant of Trainer's license and fine of Rs.30,000/- to the trainer and disqualification of the horse.
1st Infringement	Suspension of 90 days /non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
2nd Infringement	Suspension of 180 days /non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
3rd Infringement	Suspension of 1 year/ non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
4th Infringement	Suspension of 2 years/non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
5th Infringement	<i>Non grant of Trainer's License for 3 years and fine of Rs.30,000/- and disqualification of the horse.</i>
<b><u>Class II Drug</u></b>	60 days to 2 years suspension / non-grant of Trainer's license, and fine of Rs.30,000/- to the trainer and disqualification of the horse.

1st Infringement	Suspension of 60 days /non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
2nd Infringement	Suspension of 120 days /non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
3rd Infringement	Suspension of 180 days/non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
4th Infringement	Suspension of 1 year/non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
5th Infringement	<i>Non grant of Trainer's License for 2 years and fine of Rs.30,000/- and disqualification of the horse.</i>

**Class III Drug**      **30 days** to 1 year suspension / non-grant of Trainer's license, and fine of Rs.30,000/- to the trainer and disqualification of the horse.

1st Infringement	Suspension of 30 days / non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
2nd Infringement	Suspension of 60 days / non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
3rd Infringement	Suspension of 120 days / non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
4th Infringement	Suspension of 180 days / non-grant of Trainer's License, fine of Rs.30,000/- and disqualification of the horse.
5th Infringement	Non grant of Trainer's License for 1 year and fine of Rs.30,000/- and disqualification of the horse.

**Class IV Drug**      Fine up to Rs.2,00,000/- to the Trainer and disqualification of the horse.

1st Infringement	Fine of Rs.40,000/- and disqualification of the horse.
2nd Infringement	Fine of Rs.60,000/- and disqualification of the horse.
3rd Infringement	Fine of Rs.80,000/- and disqualification of the horse.
4th Infringement	Fine of Rs.100,000/- and disqualification of the horse.
5th Infringement	Fine of Rs.2,00,000/- and disqualification of the horse.

**Class V Drug**      Fine up to Rs. 1,00,000- to the Trainer & disqualification of the horse.

1st Infringement	Fine of Rs.20,000/- and disqualification of the horse.
2nd Infringement	Fine of Rs.40,000/- and disqualification of the horse.
3rd Infringement	Fine of Rs.60,000/- and disqualification of the horse.
4th Infringement	Fine of Rs.80,000/- and disqualification of the horse.
5th Infringement	Fine of Rs.1,00,000/- and disqualification of the horse.

## **PENALTIES FOR OFFENCES- ILLICIT SUBSTANCES**

Any horse that tests positive for a ILLICIT SUBSTANCE including ANABOLIC STEROIDS AND SEX HORMONES, the Trainer and / or any other person so charged by the Stewards will be declared a Disqualified Person and suffer the following penalties:

1<sup>st</sup>infringement - Disqualification for a period of 2 years

2<sup>nd</sup>infringement - Disqualification for a period of 3 years;

3<sup>rd</sup>infringement – Warn-Off.

The horse found positive for Anabolic Steroid(s)/Sex Hormone(s) shall not be permitted to race for a period of 180 days and such horse/s shall be subjected to testing for Anabolic Steroid(s)/Sex Hormone(s) before entering in a race and such entry shall not be accepted till such time the sample comes negative for Anabolic Steroid(s)/Sex Hormone(s).

Any horse that tests positive for an illicit substance which are covered under the separate list of drugs termed as “ILLICIT SUBSTANCES”, the concerned trainer shall be declared a disqualified person and the commencement of the punishment shall be with effective from the date of receipt of the respective report (Primary Analysis report or confirmatory analysis report whichever is later).

**The trainer, whose charge is tested positive will be declared a disqualified person as under:**

### **NOTE 1:**

The above guidelines are for the liability of the Trainer, as he is wholly and solely responsible for the care, welfare and security of the horse/s under his charge, hence shall attract the punishment / penalties mentioned above for the detection of prohibited substances. If proof of actual involvement of Trainer in violation of any of these rules is forthcoming to the satisfaction of the Stewards, then the Stewards shall be entitled to take further action and for such period of time as they deem fit, without in anyway being limited by the above guidelines.

### **NOTE 2:**

The infringement in Class 1, 2 & 3 will attract suspension and fines whereas Class 4 & 5 infringements will attract only fines.

### **NOTE 3:**

The computation of penalty under the norms shall solely be as per the Classification of the Drug. There will not be a cross reference between Classes while determining the number of past infringements.

**NOTE 4:**

In case of past infringements, the period for which the punishment are to be cumulative will be restricted to 5 years only, starting backwards from the date on which a sample that tested “positive” was collected. Whilst computing penalties for offences for drugs in Class 1, 2 and 3 in the block period of 5 years, offences for drugs in Class 4 and 5 will not be considered and vice versa. Further, the quantum of punishment for past infringement in the preceding 5 years shall be 25% of the stipulated punishment in the norms for each Class of drug. The additional penalty will be levied as under:

	1 <sup>st</sup> Offence	2 <sup>nd</sup> Offence	3 <sup>rd</sup> Offence	4 <sup>th</sup> Offence
Class 1	22 days	45 days	90 days	180 days
Class 2	15 days	39 days	45 days	90 days
Class 3	10 days	15 days	30 days	45 days
Class 4	Rs.5,000/-	Rs.7,500/-	Rs.10,000/-	Rs.12,500/-
Class 5	Rs.2,500/-	Rs.5,000/-	Rs.7,500/-	Rs.10,000/-

**EXAMPLE OF COMPUTATION OF PENALTY:**

If a Trainer's horse is positive for a Class 3 substance and the Trainer has had earlier positives in Class 1 & Class 2, then the cumulative penalty will be an additional penalty for 1<sup>st</sup> infringement in Class 1 plus additional penalty for 1<sup>st</sup> infringement in Class 2 and will be added to 1<sup>st</sup> infringement in Class 3.

**NOTE 5 :**

While computing the penalty, the infringements occurring under Rules of other Turf Authorities will be taken into consideration.

**NOTE 6 :**

When a Trainer is penalized for breach of the Medication Rules, then the Assistant Trainer, the Jamedar/s and the Syce of the concerned horse may also be penalized by the Stewards.

**NOTE 7 :**

During the period of suspension, the under mentioned disabilities shall apply to the trainer:

- No horse under the care of a suspended trainer shall be permitted to be nominated for a race or Mock race.



- b) The suspended Trainer shall not be permitted to enter any racecourse in India and /or attend racing and / or stable
- c) The suspended Trainer shall not be permitted to attend track work at any time and
- d) The suspended Trainer shall not be permitted to enter any off course betting venue.

**Note 8:**

The Punishment for detection of illicit substances shall be independent to that of the Punishment for detection of Prohibited substances.

**Note 9:** The imposition of punishment to the Trainer shall be during the Racing Season of the respective center only, where the horse has tested positive.

## **ANNEXURE 1**

### **SAMPLE COLLECTION PROCEDURE**

#### **1. URINE SAMPLE COLLECTION:**

1. After the race, the horse is led to the "Sampling Yard" immediately after "All Clear" signal is given.
2. The horse to be sampled is led by the Trainer's Head Groom and Assistant Groom under the supervision of a Supervisor or Assistant Trainer or the Trainer himself, alongside, an Official Veterinarian accompanies the horse up to the Sampling Yard.
3. The horse is washed, cleaned by the Trainer's Groom and let loose inside the Sampling Yard.
4. Sterile polythene disposable gloves are given to the Supervisor of the Trainer. After wearing the gloves, he places a sterile polythene disposable bag over a collection bucket/Mug which is then fixed in the ring of the Bucket/Mug.
5. The Trainer's Supervisor/ Jamadar collects the urine in the disposable bag which is lining the bucket/Mug.
6. After collection is over, the bag is lifted from the bucket /Mug by the Supervisor/ Jamadar and he splits the content in two separate plastic bottles (LGC bottles/Berlinger Urine sample collection Bottles which are tamper-proof are opened/ unscrewed by the Supervisor/ Jamadar himself). About 100 ml urine sample is poured into each bottle and handed over to Club's Official Sampling Yard staff.
7. The Official staff in the presence of the Supervisor of the Trainer codes both the urine bottles with two identical bar codes, signs, write the date of collection, sex of the horse and then places them in two tamper evident bags having different codes. The adhesive tape is removed and the edges of the bag are sealed. These two samples are then placed in separate containers marked for "Primary, Sample A"

and “Split, Sample B”. Sample “A” is sent to the Laboratory and Sample “B” is retained in the freezer for the optional Confirmatory Analysis.

8. The Official paper work normally involves the following:

- i) The Trainer has to sign a Declaration form that the urine samples are collected, sealed, coded and packed in his own or his Representative’s presence.
- ii) The Trainer has to sign a Trainer’s/ Owner’s card which carries the signature of the officiating Veterinarian, 2 same numbered bar codes (with sign, date of the Veterinarian) as on the bottles, tear-off of two tamper evident bags in which the samples are packed for official use. The Card is then packed in an envelope which only carries the bar codes and bag numbers for identification of the sample.
- iii) The Card is retained by another Official for all the samples sent for analysis.
- iv) On a separate form all the details of codes (bar code and bag identification, name of the horse, analytical Laboratories name, sex of the horse and signature of the Official Veterinarian) are maintained with the Senior Veterinary Officer of the Club for future reference.
- v) The samples are kept in the freezer until such time that they are sent for analysis.

### **BLOOD SAMPLE COLLECTION**

Blood samples are collected in Gel Sep EDTA 10ml / Sodium Heparin 10 ml vacutainer tubes(BD) 10ml Four (4) tubes are kept in one collection bottle - Sample A /primary sample) and the remaining two (2) tubes are kept in another sample collection bottle - Sample B/ reference sample / confirmatory sample).

The remaining procedure is similar to the one mentioned under urine sample collection.

The collected blood samples should not be kept in freezer. These blood samples have to be kept in Refrigerator at 4<sup>0</sup> C.

### **• Norms regarding Private Sample Collection on written application by the owner / Trainer**

On written application by the Owner/ Trainer, Stewards may permit **Private samples** to be taken by the Veterinary Officers of the Club, if conditions so permit. Such samples shall be analyzed at Quanti Lab, Mauritius or any laboratory approved by the Stewards from time to time. The testing charges, courier Charges, sample kit charges and any other incidental expenditure incurred by the club, shall be borne by the owner/trainer and the total amount shall be paid in advance before the **private sample** is taken. The Owner/ Trainer has to inform the name of the drug for which analysis is required as well as its time and dose of administration, if the drug had been administered and whether the administration done by the Club Veterinary Doctors or the licensed Private Veterinary Doctors. However, in case a horse

changes Stable from one Trainer to another, the Owner and/ or receiving Trainer may request for such a horse to be tested, at their own cost, purely as a precautionary measure without being required to mention the name/ dose of any drug. In such testing, if a urine sample is reported 'positive' for Anabolic Steroids and/ or Sex Hormones or Illicit substance, action as per the medication rules will be taken.

If a **Private sample** is reported 'negative', but the same horse returns "positive" for a prohibited substance in any subsequent post-race sample, the Trainer of such horse will be liable for regulatory action as per the medication rules. The Trainer cannot plead the result of the **Private sample** as a mitigating circumstance.

All **Private samples** are solely for the purpose of information of the Owner/ Trainer making such requests and ARE NOT for analysis under the Rules of Racing of the Club, except if a horse returns "positive" for Anabolic Steroids and/ or Sex Hormones or Illicit substance. This service by the Club's Veterinary Officer will be carried out at the sole discretion of the Club which may in any particular case be declined, without assigning any reason, to allow the testing to be carried out. All correspondence/ communication in this regard will be addressed to the Chief Veterinary Officer of the Club and not directly to the Analyzing Laboratory. All test results obtained from such testing of **Private samples** shall remain the property of the Club and the Owner/Trainer concerned shall be permitted the use thereof for his/ their personal use only.

**Annexure – '2'**

**TRANSFER OF RESPONSIBILITY FORM**

**(UNDER THE RULES OF RACING OF THE CLUB)**

I, TRAINER \_\_\_\_\_, INFORM THE CLUB THAT THE FOLLOWING HORSE/S HAS/ HAVE LEFT MY CHARGE ON \_\_\_\_\_ AND IS/ ARE NO LONGER IN MY CHARGE/ CONTROL/ CARE. TO MY KNOWLEDGE, THE HORSE/S WILL BE BASED

AT \_\_\_\_\_. IF THE HORSE/S IS/ARE MOVED FROM THE LOCATION GIVEN BY ME IN THIS FORM THEN THE RESPONSIBILITY TO PROVIDE TRACEABILITY WILL BE THAT OF THE PERSON FROM WHOSE CARE AND CONTROL THE HORSE HAS MOVED TO A DIFFERENT LOCATION.

I ALSO CONFIRM THAT THE SAID HORSE/S WILL RETURN TO ME FOR TRAINING.

THE NAME OF THE HORSE/S IS/ ARE AS FOLLOWS (GIVE PEDIGREE IF UN-NAMED):

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

I HAVE HANDED OVER THE ABOVE MENTIONED HORSE/S TO:

\_\_\_\_\_ W.E.F. \_\_\_\_\_.

(NAME

& ADDRESS OF THE OWNER/S)

\_\_\_\_\_ (NAME & SIGNATURE OF THE TRAINER) DATE:

\_\_\_\_\_

(NAME & SIGNATURE OF OWNER

OR

AUTHORIZED AGENT)

Date: \_\_\_\_\_