PROHIBITED SUBSTANCE REGULATIONS FOR THE RULES OF RACING

16/11/2026

Part A:

1. The following substances are prohibited substances for the purpose of a horse racing on a Race day or a trial to which the Third Appendix applies:

    1.1. Substances capable at any time of causing either directly or indirectly an action or effect, or both an action or effect within one or more of the following mammalian body systems:

        1.1.1. the blood system;
        1.1.2. the cardiovascular system;
        1.1.3. the digestive system;
        1.1.4. the endocrine system;
        1.1.5. the immune system;
        1.1.6. the musculoskeletal system;
        1.1.7. the nervous system;
        1.1.8. the respiratory system;
        1.1.9. the reproductive system;
        1.1.10. the urinary system.

    1.2. Substances falling within the following categories of substances:

        1.2.1. acidifying agents;
        1.2.2. adrenergic blocking agents;
        1.2.3. adrenergic stimulants;
        1.2.4. agents affecting calcium and bone metabolism;
        1.2.5. alcohols;
        1.2.6. alkalinising agents;
        1.2.7. anabolic agents other than as defined in paragraph 8 of Part B below;
        1.2.8. anaesthetic agents;
        1.2.9. analgesics;
        1.2.10. antiangina agents;
        1.2.11. antianxiety agents;
        1.2.12. antiarrhythmic agents;
        1.2.13. anticholinergic agents;
        1.2.14. anticoagulants;
        1.2.15. anticonvulsants;
        1.2.16. antidepressants;
        1.2.17. antiemetics;
        1.2.18. antifibrinolytic agents;
        1.2.19. antihistamines;

1.2.20. antihypertensive agents;
1.2.21. anti-inflammatory agents;
1.2.22. antinauseants;
1.2.23. antineoplastic agents;
1.2.24. antipsychotic agents;
1.2.25. antipyretics;
1.2.26. antirheumatoid agents;
1.2.27. antispasmodic agents;
1.2.28. antithrombotic agents;
1.2.29. antitussive agents;
1.2.30. blood coagulants;
1.2.31. bronchodilators;
1.2.32. bronchospasm relaxants;
1.2.33. buffering agents;
1.2.34. central nervous system stimulants;
1.2.35. cholinergic agents;
1.2.36. cobalt;
1.2.37. corticosteroids;
1.2.38. cytotoxic agents;
1.2.39. depressants;
1.2.40. diuretics;
1.2.41. endocrine secretions and their synthetic counterparts;
1.2.42. erectile dysfunction agents;
1.2.43. fibrinolytic agents;
1.2.44. haematopoietic agents;
1.2.45. haemostatic agents;
1.2.46. hormones (including trophic hormones) and their synthetic counterparts;
1.2.47. hypnotics;
1.2.48. hypoglycaemic agents;
1.2.49. hypolipidaemic agents;
1.2.50. immunomodifiers;
1.2.51. masking agents;
1.2.52. muscle relaxants;
1.2.53. narcotic analgesics;
1.2.54. neuromuscular agents;
1.2.55. oxygen carriers;
1.2.56. plasma volume expanders;
1.2.57. respiratory stimulants;
1.2.58. sedatives;
1.2.59. stimulants;
1.2.60. sympathomimetic amines;
1.2.61. tranquillisers;
1.2.62. vasodilators;
1.2.63. vasopressor agents.

1.3. The metabolites, artefacts, isomers and analogues of the prohibited substances prescribed in paragraphs 1.1 and 1.2. 2

2. The following substances and their metabolites and artefacts are excluded from paragraphs 1.1 to 1.3:

2.1. antimicrobials (antibiotics) and other anti-infective agents with the exception of procaine penicillin;
2.2. antiparasitics that are ACVM registered for use in horses;
2.3. altrenogest when administered to mares and fillies;
2.4. ambroxol;
2.5. bromhexine;
2.6. chondroitin sulphate;
2.7. dembrexine;
2.8. glucosamine;
2.9. hyaluronic acid;
2.10. licensed vaccines against infectious agents that are ACVM registered for use in horses;
2.11. omeprazole;
2.12. polysulphated glycosaminoglycan;
2.13. pentosan polysulphate;
2.14. ranitidine.

3. The following substances are excluded from paragraphs 1.1 to 1.3 when present at or below the following thresholds:-

3.1. alkalinising agents, when evidenced by total carbon dioxide (TCO2) at a concentration of 36.0 millimoles per litre in plasma;

3.2. arsenic at a mass concentration of 0.30 milligrams of total arsenic per litre in urine;

3.3. boldenone in urine of male horses other than geldings (including free boldenone and boldenone liberated from its conjugates) at a mass concentration of 15.0 micrograms per litre of urine;

3.4. cobalt at a mass concentration of 0.10 milligrams per litre in urine, cobalt at a mass concentration of 100.0 micrograms per litre in urine or 25.0 micrograms per litre in plasma; [Amended 1 August 2017]

3.5. dimethyl sulphoxide at a mass concentration of 15 milligrams per litre in urine, or 1.0 milligrams per litre in plasma;

3.6. 5α-estrene-3β,17α-diol in (including both the free substance and that liberated from its conjugates) in male horses other than geldings at a mass concentration:

3.6.1. of 45.0 micrograms per litre of urine; or
3.6.2. at a mass concentration less than that of 5(10)-estrene-3β,17α-diol in urine (including both the free substance and that liberated from its conjugates);

3.7. hydrocortisone at a mass concentration of 1.00 milligrams per litre in urine;

3.8. 3-methoxytyramine (including free 3-methoxytyramine and 3-methoxytyramine liberated from its conjugates) at a mass concentration of 4.0 milligrams per litre of urine;

3.9. salicylic acid at a mass concentration of 750 milligrams per litre in urine, or 6.5 milligrams per litre in plasma;

3.10. testosterone (including both free testosterone and testosterone liberated from its conjugates):

3.10.1. at a mass concentration of 20.0 micrograms per litre in urine in geldings;
3.10.2. at a mass concentration of 55.0 micrograms per litre in urine in fillies and mares;
3.10.3. in fillies and mares that have been notified as pregnant at any concentration.

3.11. theobromine at a mass concentration of 2.0 milligrams per litre in urine.

4. The following therapeutic substances are excluded from paragraphs 1.1 to 1.3 when present at or below the following limits (including both the free substance and that substance liberated from any conjugates), except when there is a concurrent detection of a diuretic in urine or a pharmacologically related medication in urine or plasma:

4.1. In Urine

4.1.1. Diclofenac at a mass concentration of 50.0 micrograms per litre in urine.
4.1.2. Flunixin at a mass concentration of 100.0 micrograms per litre in urine.
4.1.3. Ketoprofen at a mass concentration of 100.0 micrograms per litre in urine.
4.1.4. Meloxicam at a mass concentration of 10.0 micrograms per litre in urine.
4.1.5. Naproxen at a mass concentration of 250.0 micrograms per litre in urine.
4.1.6. Phenylbutazone at a mass concentration of 100.0 micrograms per litre in urine.
4.1.7. Carprofen at a mass concentration of 100.0 micrograms per litre in urine.
4.1.8. Furosemide at a mass concentration of 50.0 micrograms per litre in urine.

4.2. In Plasma

4.2.1. Flunixin at a mass concentration of 3.0 micrograms per litre in plasma.
4.2.2. Phenylbutazone at a mass concentration of 100.0 micrograms per litre in plasma.
4.2.3. Meloxicam at a mass concentration of 1.0 micrograms per litre in plasma.

Part B:

5. The following substances are declared as Prohibited Substances for the purposes of these Rules for any day, including a day on which a horse is racing in a Race or trial to which the Third Appendix applies or a day on which a horse is not racing:

5.1. any substance for which there is no generally accepted equine veterinary therapeutic purpose;

5.2. any substance defined as a controlled drug by the Misuse of Drugs Act 1975;

5.3. agents modifying myostatin function, including but not limited to myostatin inhibitors;

5.4. AMPK activators, including but not limited to AICAR (5-amino-1-β-D-ribofuranosylimidazole-4-carboxamide);

5.5. aromatase inhibitors;

5.6. beta-2 agonists, unless the substance is prescribed by a veterinarian as a bronchodilator and administered at the dose rate and frequency prescribed;

5.7. cannabinoids;

5.8. endorphins;

5.9. erythropoiesis-stimulating agents, including but not limited to erythropoietin (EPO), epoetin alfa, epoetin beta, darbepoetin alfa, and methoxy polyethylene glycolepoetin beta (Mircera);

5.10. growth hormones and growth hormone releasing factors;

5.11. hypoxia inducible factor (HIF)-1 stabilisers, including but not limited to ITPP (myoinositol trispyrophosphate);

5.12. insulin-like growth factor-1 (IGF-1) and other growth factors;

5.13. insulins;

5.14. agents that directly or indirectly affect or manipulate gene expression;

5.15. oxygen carriers including but not limited to perfluorochemicals, efaproxiral, and modified haemoglobin products;

5.16. peroxisome proliferator activated receptor δ (PPARδ) agonists, including but not limited to GW 1516;

5.17. selective androgen receptor modulators (SARMS);

5.18. selective estrogen receptor modulators (SERMS) and other anti-estrogenic substances;

5.19. selective opiate receptor modulators (SORMS);

5.20. synthetic proteins and peptides and synthetic analogues of endogenous proteins and peptides not registered for medical or veterinary use;

5.21. thymosin beta;

5.22. venoms of any species or derivatives thereof;

5.23. the metabolites, artefacts, isomers and analogues of the prohibited substances prescribed in paragraph 5.

6. The following substances, when prescribed by a veterinarian for and used for therapeutic use and their metabolites and artefacts, are excluded from paragraph 5:

6.1. butorphanol;
6.2. codiene;
6.3. 3-(2-dimethylaminoethyl)-4-hydroxyindole;
6.4. N,N-dimethyltryptamine;
6.5. Fentanyl
6.6. ketamine;
6.7. methadone;
6.8. morphine;
6.9. pholcodine;
6.10. pethidine;
6.11. platelet rich plasma (PRP) and interleukin 1 receptor antagonist protein (IRAP);
6.12. secoborbital.

7. The following substances and their metabolites and artefacts are excluded from paragraph 1 and 5 when present in urine or plasma as a result of normal feeding:

7.1. bufotenine;
7.2. hordenine.

8. In addition to the prohibitions at paragraph 5, for the purposes of these Rules, the following substances are declared as Prohibited Substances for any day, including a day on which a horse is racing in a trial to which the Third Appendix applies or a day on which a horse is not racing:

8.1. Any anabolic androgenic steroid (other than an anabolic androgenic steroid which is present at or below the relevant concentrations set out in paragraphs 3.3, 3.6 and 3.10 above)

DEFINITIONS:

9. In these regulations:

9.1. ACVM registered means any animal compound registered under the Agricultural Compounds and Veterinary Medicines Act 1997 for use in horses;

9.2. Total carbon dioxide (TCO2) means the total carbon dioxide released upon sample acidification as measured by either ion-selective electrode or head-space gas chromatography/mass spectrometry