

CHAPTER 7890
MINNESOTA RACING COMMISSION
HORSE MEDICATION

7890.0100 DEFINITIONS.

7890.0110 MEDICATIONS AND PRACTICES PROHIBITED.

7890.0100 DEFINITIONS.

[For text of subps 1 to 11, see M.R.]

Subp. 11a. **Intra-articular (IA).** "Intra-articular" or "IA" means in the joint space.

Subp. 11b. **Intramuscular (IM).** "Intramuscular" or "IM" means in the muscle.

Subp. 11c. **Intravenous (IV).** "Intravenous" or "IV" means in the vein.

Subp. 11d. **Ketoprofen.** "Ketoprofen" is a nonsteroidal anti-inflammatory drug with the chemical name 2-(3-benzoylphenyl)propionic acid.

Subp. 12. [Repealed, 25 SR 1609]

Subp. 12a. **Limit of detection (LOD).** "Limit of detection" or "LOD" means the lowest concentration of the drug that can be detected by a particular laboratory method.

Subp. 12b. **Limit of quantitation (LOQ).** "Limit of quantitation" or "LOQ" means the lowest concentration of the drug that can be reliably quantified by a particular laboratory method and is generally higher than the LOD.

Subp. 13. **Medication.** "Medication" is a substance, compound, or element, or combination thereof, which is or can be administered to a horse for the purpose of preventing, curing, or alleviating the effects of any disease, condition, ailment, or infirmity, or symptom thereof, or for altering in any way the behavior, attitude, temperament, or performance of a horse, including athletic performance. The term medication includes all analgesics, anesthetics, depressants, narcotics, stimulants, tranquilizers, and other classifications of medications. Nothing herein shall be deemed to include:

A. Nonsteroidal anti-inflammatory drugs (NSAIDs):

(1) The use of one of the three approved NSAIDs shall be permitted under the following conditions:

(a) bute, provided that the test sample does not contain more than five micrograms of the substance or metabolite(s) thereof per milliliter of blood plasma or serum;

(b) flunixin, provided that the test sample does not contain more than 20 nanograms of the substance or metabolite(s) thereof per milliliter of blood plasma or serum; and

(c) ketoprofen, provided that the test sample does not contain more than ten nanograms of the substance or metabolite(s) thereof per milliliter of blood plasma or serum.

(2) No NSAIDs can be administered within the 24 hours before post time for the race in which the horse is entered. The use of all but one of the approved NSAIDs shall be discontinued at least 48 hours before the post time for the race in which the horse is entered.

(3) The presence of more than one of the three approved NSAIDs, with the exception of phenylbutazone in a concentration below 0.5 micrograms per milliliter of serum or plasma, or any unapproved NSAID in the post-race serum or plasma sample, is not permitted.

(4) Any horse to which an NSAID has been administered shall be subject to having a blood and/or urine sample taken at the direction of the official veterinarian to

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determine the quantitative NSAID levels and/or the presence of other drugs which may be present in the blood or urine sample.

[For text of items B to D, see M.R.]

[For text of subps 13a to 14b, see M.R.]

Subp. 14c. **PO.** "PO" means orally.

[For text of subp 15, see M.R.]

Subp. 15a. **Regulatory limit.** "Regulatory limit" is the concentration of a drug and/or its metabolite below which no administrative action is taken.

[For text of subps 16 to 21, see M.R.]

Statutory Authority: *MS s 240.23*

History: *36 SR 1407*

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[For text of subps 1 to 4, see M.R.]

Subp. 5. **Presence.** The presence of more than one of the three approved NSAIDs, with the exception of phenylbutazone in a concentration below 0.5 micrograms per milliliter of serum or plasma or any unapproved NSAID in the post-race serum, plasma, or urine sample is not permitted. The use of all but one of the approved NSAIDs shall be discontinued at least 48 hours before the post time for the race in which the horse is entered.

[For text of subps 6 to 9, see M.R.]

Subp. 10. **Medications with regulatory limits.** No medications other than those listed in this subpart or found in part 7890.0100, subpart 13, items A to D, shall be allowed in the test sample of a horse. Levels on the following medications shall not exceed:

Medications	Regulatory Limits
2-(1-hydroxyethyl)promazine	10 ng/ml (urine)
Clenbuterol	25 pg/ml (serum or plasma)
Dantrolene and Hydroxydantrolene	50 ng/ml (urine)
Dantrolene and Hydroxydantrolene	0.1 ng/ml (serum or plasma)
Detomidine (or metabolite)	10 ng/ml (urine)
Dexamethasone	0.1 ng/ml (serum or plasma)
Diclofenac	2 ng/ml (serum or plasma)
DMSO	10 mcg/ml (serum or plasma)
Firocoxib	40 ng/ml (serum or plasma)
Glycopyrrolate	2.0 pg/ml (serum or plasma)
Isoxsuprine	50 ng/ml (serum or plasma) after screening level in urine of >500 ml
Methocarbamol	1 ng/ml (serum or plasma)
Methylprednisolone	0.1 ng/ml (serum or plasma)

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Pyrilamine	50 ng/ml (urine)
Triamcinolone Acetonide	0.1 ng/ml (serum or plasma)

Statutory Authority: *MS s 240.23*

History: *36 SR 1407*