

2012 Medication Thresholds

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

Medications	Regulatory Limits
1.Acepromazine	25 ng/ml (urine)
2.Clenbuterol	25 pg/ml (serum or plasma)
3.Dantrolene and Hydroxydantrolene	50 ng/ml (urine)
3a.Dantrolene and Hydroxydantrolene	0.1ng/ml (serum or plasma)
4.Detomidine (or metabolite)_	10 ng/ml (urine)
5.Dexamethasone	0.1ng/ml (serum or plasma)
6.Diclofenac	2 ng/ml (serum)
7. DMSO	10 mcg/ml (serum or plasma)
8.Firocoxib	40 ng/ml (serum or plasma)
9.Glycopyrrolate	2.0 pg/ml (serum or plasma)
10.Isoxsuprine	50 ng/ml (serum) after screening level in urine of >500 ng/ml
11.Methocarbamol	1 ng/ml (serum or plasma)
12.Methylprednisolone	0.1 ng/ml (serum or plasma)
13.Pyrimilamine	50 ng/ml (urine)
14.Triamcinolone Acetonide	0.1 ng/ml (serum or plasma)

Anabolic Steroids:

- 1.16B-hydroxystanozolol (stanozolol metabolite): 25 pg/ml of stanozolol in plasma or serum of all horses regardless of sex.
2. Boldenone: 25 pg/ml of boldenone in plasma or serum of all horses regardless of sex.
3. Nandrolone: Geldings, fillies, mares: 25 pg/ml of nandrolone in plasma or serum
Male horses other geldings - 45 ng/ml of metabolite, 5 α -oestrane-3 β , 17 α -diol in urine.
4. Testosterone: Geldings, fillies, non-pregnant mares: 25 pg/ml of testosterone in plasma or serum
Fillies and mares that are confirmed at the time of racing as being pregnant and in male horses other than geldings: testosterone is not regulated.

Feed Contaminants:

1. Atropine: 10 ng/ml in urine
2. Benzoylcegonine (major urine metabolite of cocaine): 50 ng/ml in urine.
3. Caffeine: 100 ng/ml in urine.
4. Morphine glucuronides: 50 ng/ml in urine
5. Theobromine: 2,000 ng/ml in urine

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. Non-Steroidal Anti-Inflammatory Drugs (NSAIDS)

The following NSAIDs:

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

(a1) 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 permitted in Minnesota Statutes, section 240.24, subdivision 2;

(b2) Flunixin, provided that the test sample does not contain more than twenty (20) nanograms of the substance or metabolite(s) thereof per milliliter of blood plasma or serum; and

(c3) Ketoprofen, provided that the test sample does not contain more than ten (10) nanograms of the substance or metabolite(s) thereof per milliliter of blood plasma or serum.

(2) These or any other NSAIDs are prohibited to be administered within the 24 hours before 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. 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.

(4) Any horse to which a NSAID has been administered shall be subject to having a blood and/or urine sample(s) taken at the direction of the official veterinarian to determine the quantitative NSAID level(s) and/or the presence of other drugs which may be present in the blood or urine sample(s).