

Thoroughbred Rule 1217.1 Amendment Summary

This proposed amendment is to more closely align with current industry practices and current model rules on anabolic steroids.

Thoroughbred Rule 1217.1 Mark Up

Androgenic-Anabolic Steroids (AAS)

(1) No AAS shall be permitted to test samples collected from racing horses except for endogenous concentrations of the naturally occurring substances Boldenone, Nandrolone, and Testosterone at concentrations less than the indicated thresholds.

~~(1) The use of one of four approved anabolic steroids shall be permitted under the following conditions:~~

(2) (a) Not to Concentrations of these AAS shall not exceed the following ~~permitted urine or plasma threshold~~ free (i.e., not conjugated) steroid concentrations: in plasma or serum:

(a) Boldenone – A confirmatory threshold not greater than 25 picograms/milliliter for all horses, regardless of sex;

(b) Nandrolone – A confirmatory threshold not greater than 25 picograms/milliliter for fillies, mares, and geldings; males horses other than geldings shall be tested for nandrolone in urine

(c) Testosterone – A confirmatory threshold not greater than 100 picograms/milliliter for fillies, mares, and gelding.

(3) Total concentrations of these AAS shall not exceed the following total concentrations in urine after hydrolysis of conjugates:

~~(i) Stanozolol (Winstrol) – 1 ng/ml in urine or 100 pg/ml in plasma~~

~~(a) (ii) Boldenone (In Boldenone – A confirmatory threshold not greater than 1 nanogram/milliliter for fillies, mares, and geldings; a confirmatory threshold not greater than 15 nanograms/milliliter in male horses other than geldings; including free boldenone and boldenone liberated from its conjugates) – 15 ng/ml in urine or 25 pg/ml in plasma~~

~~(iii) Nandrolone – 1 ng/ml in urine or 190 pg/ml in plasma~~

~~(iv) Testosterone~~

(b) Nandrolone – A confirmatory threshold not greater than 1 nanogram/milliliter for fillies, mares, and geldings; a confirmatory threshold not greater than 45 nanograms/milliliter (as 5 α -estrane-3 β ,17 α -diol) of urine in male horses other than geldings;

(c) Testosterone – A confirmatory threshold of not greater than 55 nanograms/milliliter of urine in fillies and mares (unless in foal); a confirmatory threshold of not greater than 20 nanograms/milliliter in geldings

~~1. in geldings – 20 ng/ml in urine or 25 pg/ml in plasma~~

~~2. in fillies and mares – 55 ng/ml urine or 25 pg/ml in plasma.~~

(4) (b) Any other anabolic steroids AAS are prohibited to be administered in racing horses.

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- ~~(e) The presence of any one or more of the four approved anabolic steroids above the approved thresholds is not permitted.~~
- (5) ~~(d) Post-race urine samples must have~~ The sex of the horse must be identified to the laboratory on all pre-race and postrace samples designated for AAS testing.
- (6) ~~Any horse to which~~ If an anabolic steroid has been administered to a horse in order to assist in the its recovery from ~~(e) an~~ illness or injury, that horse may be placed on the ~~veterinarian's list~~ Veterinarian's List in order to monitor the concentration of the drug or metabolite in urine or blood. Once After the concentration ~~is~~ has fallen below the designated threshold for the administrated AAS, the horse is eligible to be removed from the list.