

OKLAHOMA HORSE RACING COMMISSION

**DIRECTIVE ON**  
**COMMISSION-SANCTIONED THRESHOLDS**  
**[3A:205.2(H)]**

**THERAPEUTIC MEDICATIONS**

(1) A finding by the Primary Laboratory of a prohibited drug, chemical or other substance in a test specimen of a horse is prima facie evidence that the prohibited drug, chemical or other substance was administered to the horse and, in the case of a post-race test, was present in the horse's body while it was participating in a race. Prohibited substances include:

- (a) Drugs or medications for which no acceptable threshold concentration has been established;
- (b) Therapeutic medications in excess of Commission-Sanctioned Threshold concentrations as set forth below;
- (c) Environmental contaminants and substances of human use present in the horse in excess of Commission-Sanctioned Thresholds as set forth below;
- (d) Any medication, drug, substance, or metabolic derivative thereof that might mask or screen the presence of prohibited drugs, or prevent or delay testing procedures.

(2) The use of the following therapeutic medications shall be permitted not less than twenty-four (24) hours before post time for the race in which the horse is entered, provided the concentration in the horse's plasma/serum sample or specimen does not exceed the following levels when tested post race:

- (a) Acepromazine: negative/LOD\*.
- (b) Albuterol: 1 ng/ml plasma/serum.
- (c) Clenbuterol: 1 ng/ml plasma/serum.
- (d) Dantrolene: 100 ng/ml plasma/serum.
- (e) Detomidine: negative/LOD\*
- (f) Dexamethasone: 1.5 ng/ml plasma/serum.
- (g) Diclofenac: 5 ng/ml plasma/serum.
- (h) DMSO: 1 ug/ml plasma/serum.

\*Plasma/Serum Level - Negative/LOD: Less than the limit of detection of the method.

Directive on  
Commission-Sanctioned Thresholds  
Oklahoma Horse Racing Commission  
Approved 3/23/06, 5/18/06, 1/25/07, 2/21/08, 6/19/08, 5/21/09, 6/18/09, 3/25/10

- (i) Dipyron: 1 ug/ml plasma/serum.
- (j) Flunixin: 100 ng/ml plasma/serum effective 6/2/08
- (k) Ketoprofen: 100 ng/ml plasma/serum.
- (l) Mepivacaine: negative/LOD\*.
- (m) Methocarbamol: 1 ug/ml plasma/serum.
- (n) Methylprednisolone: 2 ng/ml plasma/serum.
- (o) Naproxen: 750 ng/ml plasma/serum.
- (p) Pyrilamine: 50 ng/ml serum/plasma.
- (q) Procaine Penicillin: 25 ng/ml serum/plasma.
- (r) Salicylic Acid: 6.5 ug/ml serum/plasma.

(3) Environmental Contaminants

Although the following environmental contaminants and/or substances may be found in the horse, no sample or specimen shall exceed the following levels when tested post race:

- (a) Caffeine: 100 ng/ml serum.
- (b) Cocaine: 150 ng/ml urine (Benzoyl Ecgonine Metabolite).
- (c) Morphine: 100 ng/ml urine.
- (d) Lidocaine: 25 ng/ml urine.
- (e) Strychnine: 100 ng/ml urine.
- (f) Atropine: 70 ng/ml urine.

(4) Anabolic Steroids [approved by Commission, 6/18/09]

The presence of anabolic steroids in a race horse is strictly prohibited except for the presence of the following approved anabolic steroids at plasma/serum levels below Commission-Sanctioned Thresholds:

- (a) Stanozolol: 85 pg/ml
- (b) Boldenone [Equipose]: 215 pg/ml
- (c) Nandrolone: 65 pg/ml
- (d) Testosterone: 100 pg/ml

These levels are based upon a **60 day** withdrawal and became effective on 8/18/09, the 61<sup>st</sup> day after approval by the Commission on 6/18/09.

\*Plasma/Serum Level - Negative/LOD: Less than the limit of detection of the method.

Directive on  
Commission-Sanctioned Thresholds  
Oklahoma Horse Racing Commission  
Approved 3/23/06, 5/18/06, 1/25/07, 2/21/08, 6/19/08, 5/21/09, 6/18/09, 3/25/10

(5) Other acceptable therapeutic medications.

In light of the fact that scientific research is an evolving process in recognizing therapeutic medications at non-performance enhancing levels, the Commission acknowledges that the laboratory may detect levels for therapeutic medications not previously identified in this Directive. In the event of detection of a medication that is subsequently established as routine and safe to use in the industry, it should be considered as a mitigating factor in any disciplinary action taken against the affected Trainer.

\*Plasma/Serum Level - Negative/LOD: Less than the limit of detection of the method.

Approved by Oklahoma Horse Racing Commission, 3/23/06; 5/18/06, 1/25/07, 2/21/08, 6/19/08, 5/21/09, 6/18/09, 3/25/10

2006-D-1