

**Ohio State Racing Commission Regulatory Thresholds for Prohibited Substances**  
**Prohibited substances detected in excess of the**  
**following thresholds are actionable.**  
**(as Referenced at the March 23, 2016 Commission Meeting)**

<b>Prohibited Substance or its metabolite (<i>Comment</i>)</b>	<b>Test Sample Matrix</b>	<b>Regulatory Threshold</b>
3'-hydroxyliclocaïne	urine	50 ng/mL
3-hydroxypropromazine	urine	50 ng/mL
Benzoyllecgonine	urine	150 ng/mL
Boldenone <i>(Free and conjugated boldenone in urine from male horses, other than geldings)</i>	urine	15 ng/mL
Butorphanol	urine	10 ng/mL
Caffeine	plasma	100 ng/mL
Carbon Dioxide <i>(Total available carbon dioxide, TCO<sub>2</sub> in plasma or serum)</i>	plasma or serum	37 millimoles/Liter
Clenbuterol	plasma	25 pg/mL
Cobalt	plasma or serum	25 ppb
O-desmethylpyrilamine	urine	100 ng/mL
Dimethylsulfoxide (DMSO)	plasma	10 µg/mL
Estradiol in male horses (other than geldings) <i>(Free and conjugated 5α-Estrane-3β,17α-diol in male horses, other than geldings)</i>	urine	45 ng/mL
Flunixin*	plasma	20 ng/mL
Furosemide <i>(Applicable only to horses that are "furosemide eligible" and entered to race on furosemide)</i>	plasma	100 ng/mL
Glycopyrrolate	urine	5 ng/mL
2-(1-hydroxyethyl)promazine sulfoxide (HEPS)	urine	10 ng/mL
Hydrocortisone	urine	1.0 µg/mL
Isoxsuprine	urine	1.0 µg/mL
Ketoprofen*	plasma	10 ng/mL
Methocarbamol	urine	1.0 µg/mL
Morphine	urine	50 ng/ml
Nandrolone <i>(Free and conjugated nandrolone in urine from geldings, fillies and mares)</i>	urine	1 ng/mL
Pentazocine	urine	50 ng/mL
Phenylbutazone*	plasma	2.0 µg/mL
Procaine	urine	50 ng/mL
Salicylic Acid	plasma urine	6.5 µg/mL 750 µg/mL
16-β-hydroxystanozolol <i>(16-β-hydroxystanozolol in urine regardless of sex of horse)</i>	urine	1 ng/mL
Testosterone <i>(Free and conjugated testosterone in urine from geldings)</i>	urine	20 ng/mL
Testosterone <i>(Free and conjugated testosterone in urine from fillies and mares, unless in foal)</i>	urine	55 ng/mL
Theobromine	urine	2.0 µg/mL

Note: Prohibited substances not listed above are not permitted to be present (at any concentration) in an official test sample.

\* Regulated NSAID; threshold applicable when present by itself. Presence of more than one regulated NSAID regardless of whether it is above or below the threshold is prohibited.

