

Ohio State Racing Commission Regulatory Thresholds

Therapeutic Substances

Substance	Threshold	Matrix
Acepromazine	HEPS 10 ng/ml	urine
Albuterol	1 ng/ml	urine
Betamethasone	10 pg/ml	plasma or serum
Butorphanol	10 ng/ml	urine
Cetirizine	6 ng/ml	plasma or serum
Cimetidine	400 ng/ml	plasma or serum
Clenbuterol	25 pg/ml	plasma or serum
Dantrolene	5-OH dantrolene 0.1 ng/ml	plasma or serum
Detomidine	1 ng/ml	plasma or serum
Dexamethasone	5 pg/ml	plasma or serum
Diclofenac	5 ng/ml	plasma or serum
Dimethylsulfoxide (DMSO)	10 µg/ml	plasma or serum
Firocoxib	20 ng/ml	plasma or serum
Flunixin	20 ng/ml	plasma or serum
Furosemide	100 ng/ml	plasma or serum
Glycopyrrolate	3 pg/ml	plasma or serum
Guafenesin	12 ng/ml	plasma or serum
Isoflupredone	100 pg/ml	plasma or serum
Isoxuprine	1 µg/ml	urine
Ketoprofen	2 ng/ml	plasma or serum
Lidocaine	20 pg/ml of total 3-OH Lidocaine	plasma or serum
Mepivacaine	10 ng/ml of 3-OH mepivacaine urine Limit of Detection	urine plasma or serum

Substance	Threshold	Matrix
Methocarbamol	1 µg/ml	urine
Methylprednisolone	100 pg/ml	plasma or serum
Omeprazole	10 ng/ml omeprazole sulfide	plasma or serum
Phenylbutazone	2 µg/ml	plasma or serum
Prednisolone	1 ng/ml	plasma or serum
Procaine Penicillin	25 ng/ml procaine	plasma or serum
Ranitidine	40 ng/ml	plasma or serum
Triamcinolone Acetonide	100pg/ml	plasma or serum
Xylazine	200 pg/ml	plasma or serum

Endogenous, Dietary or Environmental Substances

Substance	Threshold	Matrix
Benzoylcegonine	150 ng/ml	urine
Caffeine	100 ng/ml	plasma
Carbon Dioxide (TCO ₂)	37 mmol/liter	plasma or serum
Cobalt	25 ppb	plasma or serum
Hydrocortisone	1.0 µg/ml	urine
Morphine	50 ng/ml	urine
Salicylic Acid	6.5 µg/ml or 750 µg/ml	plasma urine
Theobromine	2.0 µg/ml	urine

Androgenic-Anabolic Steroids

Substance	Threshold	Matrix
Boldenone	15 ng/ml free and conjugated boldenone in male horses other than geldings	urine
Nandrolone	1 ng/ml free and conjugated nandrolone in geldings, fillies and mares.	urine
Estranediol	45 ng/ml free and conjugated 5 α -estrane-3 β , 17 α -diol in male horses other than geldings	urine
Testosterone	20 ng/ml free and conjugated testosterone in geldings 55 ng/ml free and conjugated testosterone in fillies and mares, unless in foal	urine urine