

## 2024 FEI Threshold Substances List

EQUINE PROHIBITED SUBSTANCES LIST CATEGORY	SUBSTANCE	THRESHOLD
BANNED SUBSTANCE	Arsenic	0.3µg/ml total arsenic in urine, or 0.015µg/ml total arsenic in plasma
BANNED SUBSTANCE	Boldenone	0.015µg/ml free and conjugated boldenone in urine from male horses (other than geldings)
CONTROLLED MEDICATION	Carbon dioxide (CO <sub>2</sub> )	36 millimoles per litre in plasma
CONTROLLED MEDICATION	Cobalt	0.1µg/ml total cobalt in urine, or 0.025µg/ml total cobalt (free and protein bound) in plasma
CONTROLLED MEDICATION	Dopamine	Controlled via its metabolite 3-methoxytyramine. The threshold for 3-methoxytyramine is 4 µg/ml in urine
BANNED SUBSTANCE	Estranediol	0.045µg free and glucuroconjugated 5α-estrane-3β, 17α-diol per millilitre in urine when, at the screening stage, the free and glucuroconjugated 5αestrane-3β, 17α-diol exceeds the free and glucuroconjugated 5,10 estrene-3β,17α-diol in the urine in male Horse (other than geldings)
CONTROLLED MEDICATION	Hydrocortisone	1µg/ml in urine
CONTROLLED MEDICATION	Prednisolone	0.01µg/ml free prednisolone in urine
CONTROLLED MEDICATION	Salicylic acid	750µg/ml in urine, or 6.5µg/ml in plasma
BANNED SUBSTANCE	Testosterone	<p><i>Testosterone in urine:</i> 0.02µg/ml free and conjugated testosterone in urine from geldings, or 0.055µg/ml microgram free and conjugated testosterone in urine from fillies and mares (unless in foal)</p> <p><i>Testosterone in plasma:</i> 1x10<sup>-4</sup> µg/ml free testosterone in plasma from geldings, fillies and mares (unless in foal)</p>