

EADCMP – Measures to protect athletes

Clean Sport Initiative



Regulations

Equine Prohibited Substances List

Equine Anti-Doping & Controlled Medication Programme (EADCMP)





Clean Sport Website





Equine Prohibited Substances List

Prohibited Substances





Banned Substances



Substances with similar chemical structure or biological effect are also prohibited



Controlled Medication

Specified Substances

- may have been ingested by horses other than the enhancement of sport performance
- not considered less important/dangerous than other Prohibited Substances









Is there a zero tolerance?



Several measures in place to protect the athletes



Detection Times

Detection time



Withdrawal time

'approximate period of time for which a drug or its metabolite remains in a horse's body, such that it can be detected by laboratory analysis of blood or urine'

Expensive to determine

FEI detection times based on FEI's screening limits.



FEI Screening Limits – FSLs

- The maximum urine or plasma concentration of Prohibited Substances permitted in EADCM samples.
- Derived from administration studies and risk analysis
- ❖ Cost per SL ~30000-40000 Euro



Harmonised Performance Levels – HPLs

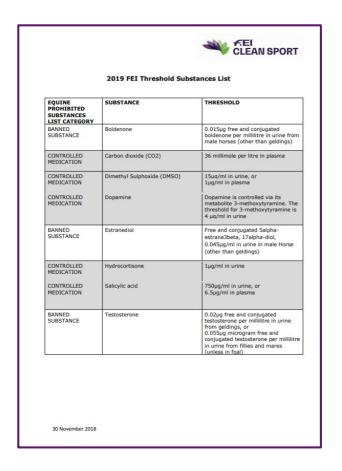
- The established minimum urine or plasma concentration of Prohibited Substances in EADCM samples that will be reported as a positive finding by FEI approved Laboratories
- Based on experience and risk analysis
- Never zero



Threshold Substances

Only adopted for substances:

- endogenous to the horse
- arising from plants traditionally grazed or harvested as equine feed
- in equine feed arising from contamination during cultivation, processing or treatment, storage, or transportation.



Recommended by IFHA in consultation with AORC & IGSRV



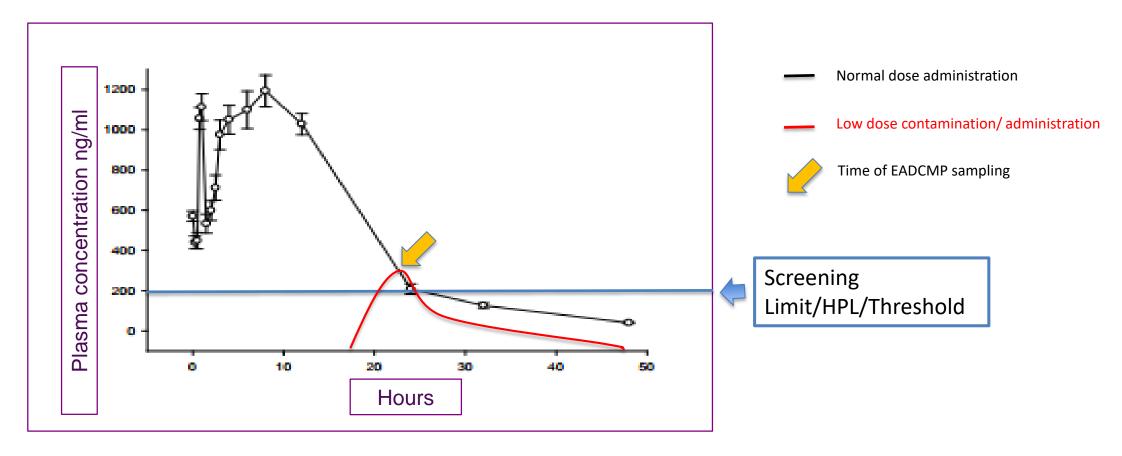


So, there is really not a zero tolerance in regards of reported analytical findings





Why is it not straightforward to determine contamination vs. administration?



Conclusion: Based on the sample analysis, it's often not possible to differentiate between contamination and administration



Problematic substances

A combination of features that complicate for athletes and regulators

- Plant origin
- Effective pharmaceutical / doping substance
- Licensed pharmaceutical product
- Available in supplements or could be find as contaminant in feed

