



INTERNATIONAL RESIDUE LIMITS: BUFOTENINE AND DMT

The British Horseracing Authority (BHA) would like to advise the Responsible Person (i.e. trainers, owners, breeders) and their veterinary surgeons of two International Residue Limits, which will be effective on 01 January 2019.

In line with the IFHA, contaminants and environmental substances are controlled at a screening level in the same manner as International Screening Limits.

Feed Contaminants – International Residue Limits in Urine[#]

Caffeine	50 ng/ml
Theophylline	250 ng/ml
Atropine	60 ng/ml
Scopolamine	60 ng/ml
Morphine (total) *	30 ng/ml
Bufotenine	10 µg/ml
DMT	10 µg/ml
Hordenine	80 µg/ml
Theobromine	2 µg/ml

[#] These refer to the free and conjugated concentrations unless indicated otherwise.

Note: International Residue Limits are detection limits agreed following input by international consensus and are conveyed by instruction from racing authorities to their laboratories. The residue limits are simply detection limits to be used by laboratories when screening for certain contaminant or environmental substances as instructed by the authorities; they are not international thresholds. When the screening procedure indicates the residue limit, in either urine or plasma, has been exceeded, all that is required is qualitative confirmatory analysis (usually by mass spectrometry) to confirm the presence or absence of the prohibited substance. Quantification is not required. Further information can be found [here](#).

23 November 2018