

Action threshold for dioxins/furans and dioxin-like PCBs in feedingstuff
(Directive 2006/13/EC)

Products intended for animal feed	Action threshold for dioxins/furans (PCDD + PCDF) ⁽¹⁾ relative to a feedingstuff with a moisture content of 12 %	Action threshold for dioxin-like PCBs (WHO-PCB) ⁽¹⁾ relative to a feedingstuff with a moisture content of 12 %
	WHO-PCDD/F-TEQ	WHO-PCB-TEQ
Feed materials of plant origin with the exception of vegetable oils and their by-products	0,5 ng/kg ^{(2) (3)}	0,35 ng/kg ^{(2) (3)}
Vegetable oils and their by-products	0,5 ng/kg ^{(2) (3)}	0,5 ng/kg ^{(2) (3)}
Feed materials of mineral origin	0,5 ng/kg ^{(2) (3)}	0,35 ng/kg ^{(2) (3)}
Animal fat, including milk fat and egg fat	1,0 ng/kg ^{(2) (3)}	0,75 ng/kg ^{(2) (3)}
Other land animal products including milk and milk products and eggs and egg products	0,5 ng/kg ^{(2) (3)}	0,35 ng/kg ^{(2) (3)}
Fish oil	5,0 ng/kg ^{(2) (3)}	14,0 ng/kg ^{(2) (3)}
Fish, other aquatic animals, their products and by-products with the exception of fish oil and fish protein hydrolysates containing more than 20 % fat	1,0 ng/kg ^{(2) (3)}	2,5 ng/kg ^{(2) (3)}
Fish protein hydrolysates containing more than 20 % fat	1,75 ng/kg ^{(2) (3)}	7,0 ng/kg ^{(2) (3)}
Additives belonging to the functional groups of binders and anti-caking agents	0,5 ng/kg ^{(2) (3)}	0,5 ng/kg ^{(2) (3)}
Additives belonging to the functional group of compounds of trace elements	0,5 ng/kg ^{(2) (3)}	0,35 ng/kg ^{(2) (3)}
Premixtures	0,5 ng/kg ^{(2) (3)}	0,35 ng/kg ^{(2) (3)}
Compound feedingstuffs, with the exception of feedingstuffs for fur animals, pet foods and feedingstuffs for fish	0,5 ng/kg ^{(2) (3)}	0,5 ng/kg ^{(2) (3)}
Feedingstuffs for fish, Pet foods	1,75 ng/kg ^{(2) (3)}	3,5 ng/kg ^{(2) (3)}

⁽¹⁾ WHO-TEFs for human risk assessment based on the conclusions of the World Health Organisation meeting in Stockholm, Sweden, 15-18 June 1997 (Van den Berg et al., (1998) Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and for Wildlife, Environmental Health Perspectives, 106(12), 775).

⁽²⁾ Upper-bound concentrations; upper-bound concentrations are calculated on the assumption that all values of the different congeners below the limit of quantification are equal to the limit of quantification.

⁽³⁾ The Commission will review these action levels by 31 December 2008 at the latest at the same time as it reviews the maximum levels for the sum of dioxins and dioxin-like PCBs.