

Draft Amendment to Article 1-1 of the Enforcement Rule of Feed Control Act

Article 1-1

Feed or feed additive -- of which the level of dioxin, or the level of dioxin and dioxin-like PCBs (polychlorinated biphenyls) exceeds the maximum limits -- shall be deemed a material likely to impact the health of livestock, poultry and aquatic animals as described in Article 20.4 of the Feed Control Act.

Table for Article 1-1 Maximum allowable limits of dioxin, and that of dioxin and dioxin-like PCBs in feed or feed additives

Feed or feed additives	Maximum content in ng WHO-PCDD/ F-TEQ/kg (ppt) relative to a feed with a moisture content of 12 %	Maximum content in ng WHO-PCDD/ F-PCB-TEQ/kg (ppt) relative to a feed with a moisture content of 12 %
Feed materials of plant origin with the exception of vegetable oils and their by-products	0.75	1.25
Vegetable oils and their by-products	0.75	1.5
Animal fat, including milk fat and egg fat	1.5	2.0
Other land animal products including milk and milk products and eggs and egg products	0.75	1.25
Fish oil	5.0	20.0
Hydrolysed fish protein containing more than 20 % fat	1.75	9.0

Crustacea meal.	1.75	4.0
Fish, other aquatic animals, and products derived	1.25	4.0
Feed materials of mineral origin	0.75	1.0
The feed additives kaolinitic clay, vermiculite, natrolite-phonolite, synthetic calcium aluminates and clinoptilolite of sedimentary origin belonging to the functional groups of binders and anti-caking agents	0.75	1.5
Feed additives belonging to the functional group of compounds of trace elements	1.0	1.5
Premixtures	1.0	1.5
Compound feed with the exception of compound feed for fur animals and aquatic animal	0.75	1.5
Compound feed for fish and other aquatic except for ornamental	1.75	5.5

purposes		
<p>Notes:</p> <ol style="list-style-type: none"><li data-bbox="277 310 1339 506">1.The level (also known as the total toxicity equivalent, TEQ) of dioxin is the sum of toxicity equivalent (a value equals to the lab-measured concentration times its corresponding most current Toxic Equivalency Factor published by the World Health Organization) of each dioxin compound.The level of dioxin and dioxin-like PCBs is calculated in the same way.<li data-bbox="277 520 1339 640">2.If a dioxin or dioxin-like PCB compound is undetected in the lab test, the upper-bound concentration, namely the minimum detection limit (MDL), is used to substitute the concentration in the calculation.		