

































SGS	SAMPLING FOOD SAM	MPLES (cont'd)				
	Each sample taken for offic	ial use shall be sealed at the ified following the rules of the				
	Minimum number of incremental samples to be taken from the lot or sublot					
	Weight or volume of lot/sublot (in kg or litre)	Minimum number of incremental samples to be taken				
	< 50	3				
	350 to 500	5				
	> 500	10				
		I				















SGS	TOX TOX	ICITY E IC EQU		NLENCE FACTORS - IT	
Compound	I-TEF (=NATO) Environmental	WHO1998 TEF Food / Feed	WHO2005 TEF Food / Feed	Summation of all 17 individual TEQ gives the « Total TEQ » value	
2,3,7,8-TCDF	0,1	0,1	0,1	All national and	
2,3,7,8-TCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	1 0,05 0.5	1 0,05 0,5	1 0,03 0,3	international regulations always refer to the total	
1,2,3,7,8-PeCDD	0,5	1	1	TEQ value	
1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF	0,1 0,1 0,1 0,1	0,1 0,1 0,1 0,1	0,1 0,1 0,1 0,1	 Two different TEF systems are used : 	
1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD	0,1 0,1 0,1	0,1 0,1 0,1	0,1 0,1 0,1	NATO : mainly for environmental	
1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF	0,01 0,01	0,01 0,01	0,01 0,01	(emission, soil, etc)	
1,2,3,4,6,7,8-HpCDD	0,01	0,01	0,01	 WHO : mainly for 	
OCDF	0,001	0,0001	0,0003	feed/food (WHO1998)	
OCDD	0,001	0,0001	0,0003		













SGS	MAXIMUM In ng WHO-PCDI content of 12% Undesirable substances	CONTENT D/F-TEQ/kg (ppt) (¹) relative to Products intended for animal feed	A Feed with Maximum content SANCO/11515 /2011 – Rev 1- 28-06-2011	a moisture Maximum content Feed 2006_13_EC
	of polychlorinated dibenzo- <i>para</i> - dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs)	with the exception of: - vegetable oils and their by- products Feed materials of mineral origin Feed materials of animal origin: - Animal fat, including milk fat	0,75 0,75 0,75	0,75 0,75 1,0
	expressed in World Health Organisation (WHO) toxic equivalents, using the WHO-TEFs (toxic equivalency factors, 2005 (¹)	 and egg fat Other land animal products including milk and milk products and eggs and egg products. Fish oil Fish, other aquatic animals and products derived with the exception of fish oil and fish protein hydrolysed containing 	1,50 0,75 5,0	2,0 0,75 6,0
		more than 20 % fat ⁽³⁾ - Fish protein hydrolysed containing more than 20 % fat	1,25 1,75	1,25 2,25

In ng WHO-PCDI content of 12%	D/F-TEQ/kg (ppt) (1) relative to Products intended for	Maximum	Maximum
substances	animal feed	content SANCO/11515 /2011 –Rev 1- 28-06-2011	content Feed 2006_13_EC
1. Dioxins (sum of polychlorinated dibenzo- <i>para</i> - dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) expressed in	 -Feed additives belonging to the functional groups of binders and anti-caking agents - Feed additives belonging to the functional group of compounds of trace 	1,0	0,75
World Health	elements	1,0	1,0
Organisation (WHO) toxic	- Premixtures - Compound feed	1,0	1,0
equivalents, using the WHO-TEFs (toxic equivalency	with the exception of: - compound feed for pet	0,75	0,75
factors, 2005 (1)	animals and fish	1,75	2,25
	- compound feed for fur animals	_	_

moisture content	of 12%		I with a
Undesirable substances	Products intended for animal feed	Maximum content SANCO/11515 /2011 –Rev 1- 28-06-2011	Maximum content Feed 2006_13_EC
2. Sum of dioxins and dioxin-like PCBs (sum of	Feed materials of plant origin with the exception of: - vegetable oils and their by-	1,25	1,25
polychlorinated	products	1,5	1,5
dibenzo- <i>para</i> - dioxins (PCDDs), polychlorinated	Feed materials of mineral origin Feed materials of animal origin: - Animal fat, including milk fat	1,0	1,5
dibenzofurans (PCDFs) and	and egg fat - Other land animal products	2,0	3,0
polychlorinated biphenyls (PCBs)	including milk and milk products and eggs and egg products.	1,25	1,25
expressed in World Health Organisation (WHO) toxic equivalents, using	 Fish oil Fish, other aquatic animals and products derived thereof with the exception of fish oil and fish protein hydrolysed 	20,0	24,0
the WHO-TEFs (toxic equivalency	containing more than 20 % fat ⁽³⁾ - Fish protein hydrolysed	4,0	4,5
factors, 2005 (2)	containing more than 20 % fat	9,0	11,0

	oisture content	of 12%		with a
	Jndesirable substances	Products intended for animal feed	Maximum content SANCO/11515 /2011 –Rev 1- 28-06-2011	Maximum content Feed 2006_13_EC
an PC po dib dic po	Sum of dioxins d dioxin-like CBs (sum of lychlorinated benzo- <i>para</i> - boxins (PCDDs), lychlorinated benzofurans	Feed additives belonging to the functional groups of binders and anti-caking agents Feed additives belonging to the functional group of compounds of trace	1,5	1,5
· · ·	CDFs) and	elements	1,5	1,5
bip	polychlorinated biphenyls (PCBs) expressed in World Health Organisation	Premixtures Compound feed	1,5	1,5
We		with the exception of: - compound feed for pet	1,5	1,5
(W	(HO) toxic uivalents, using	animals and fish - compound feed for fur	5,5	7,0
(to	e WHO-TEFs xic equivalency ctors, 2005 (²)	animals	_	-



SGS	_	CONTENT ative to a Feed with a moisture content	of 12%
	Undesirable substances	Products intended for animal feed	Maximum content SANCO/11515/ 2011 - Rev 1- 28-06-2011
	3. Non dioxin-like PCBs (Sum of PCB 28, PCB 52,	Feed materials of plant origin Feed materials of mineral origin Feed materials of animal origin:	10 10
	PCB 101, PCB 138, PCB 153 and PCB 180 (ICES –	 Animal fat, including milk fat and egg fat Other land animal products including milk and milk products and eggs and egg 	10
	6) (1)	products. - Fish oil - Fish, other aquatic animals and products derived thereof with the exception of fish oil and fish protein hydrolysed containing	10 175
		more than 20 % fat - Fish protein, hydrolysed containing	30
		more than 20 % fat	50

	lative to a Feed with a moisture content	of 12%
Undesirable substances	Products intended for animal feed	Maximum content SANCO/11515/ 2011 – Rev 1- 28-06-2011
3. Non dioxin-like PCBs (Sum of PCB 28, PCB 52, PCB 101, PCB 138, PCB 153 and PCB 180 (ICES – 6) (1)	sulphate dihydrate, vermiculite, natrolite- phonolite, synthetic calcium aluminates and clinoptilolite of sedimentary origin	10
	Feed additives belonging to the functional group of compounds of trace elements	10
	Premixtures	10
	Compound feed with the exception of:	10
	- compound feed for pet animals and fish - compound feed for fur animals	40

SGS	ACTION TH in ng WHO-PCDI moisture content Undesirable	D/F TEQ/kg (ppt) (2) relative to	a feedingst	uff with a Action threshold Feed
	substances	animal feed	SANCO/11515 /2011 –Rev 1- 28-06-2011	2006_13_EC
	1. Dioxins (sum of polychlorinated dibenzo- <i>para</i> -	Feed materials of plant origin with the exception of: - vegetable oils and their by-	0,5	0,5
	dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs)	products Feed materials of mineral origin Feed materials of animal origin: - Animal fat, including milk fat	0,5 0,5	0,5 0,5
	expressed in World Health Organisation	and egg fat - Other land animal products including milk and milk products	0,75	1,0
	(WHO) toxic equivalents, using the WHO-TEFs (toxic equivalency factors, 2005 (¹)	 and eggs and egg products. Fish oil Fish, other aquatic animals and products derived with the exception of fish oil and fish protein hydrolysed containing 	0,5 <mark>4,0</mark>	0,5 <mark>5,0</mark>
		more than 20 % fat ⁽³⁾ - Fish protein hydrolysed	0,75	1,0
		containing more than 20 % fat	1,25	1,75

SGS		IRESHOLD (cont'd) D/F TEQ/kg (ppt) (²) relative to of 12% Products intended for animal feed	Action threshold SANCO/11515 //2011 - Rev 1- 28-06-2011	uff with a Action threshold Feed 2006_13_EC	
	1. Dioxins (sum of polychlorinated dibenzo-para- dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) expressed in	Feed additives belonging to the functional groups of binders and anti-caking agents Feed additives belonging to the functional group of compounds of trace	0,5	0,5	
	World Health Organisation (WHO) toxic equivalents, using the WHO-TEFs (toxic equivalency	elements Premixtures Compound feed with the exception of: - compound feed for pet animals and fish	0,5 0,5 0,5 1,25	0,5 0,5 0,5 1,75	
	factors, 2005 (1)	- compound feed for fur animals	-	-	41

	2 Dioxin-like PCBs (sum of polychlorinated	Feed materials of plant origin with the exception of: - vegetable oils and their by-	28-06-2011 0,35	
	polychlorinated			0.35
		products	0,5	0,5
	biphenyls (PCBs) expressed in	Feed materials of mineral origin Feed materials of animal origin:	0,35	0,35
	World Health Organisation	 Animal fat, including milk fat and egg fat Other land animal products 	0,75	0,75
	(WHO) toxic equivalents, using the WHO- TEFs (toxic equivalency factors, 2005	including milk and milk products and eggs and egg products.	0.35	0.35
		 Fish oil Fish, other aquatic animals and products derived thereof with the exception of fish oil and fish protein hydrolysed 	11,0	14,0
	(1)	containing more than 20 % fat $^{(3)}$	2,0	2,5

SGS		IRESHOLD (cont'd) D/F TEQ/kg (ppt) (²) relative to of 12%	a feedingst	uff with a
	Undesirable substances	Products intended for animal feed	Action threshold SANCO/11515 /2011 –Rev 1- 28-06-2011	Action threshold Feed 2006_13_EC
	2 Dioxinlike PCBs (sum of polychlorinated biphenyls (PCBs) expressed in World Health	Feed additives belonging to the functional groups of binders and anti-caking agents Feed additives belonging to the functional group of compounds of trace	0,5	0,5
	Organisation	elements Premixtures	0,35	0,35 0,35
	(WHO) toxic equivalents, using the WHO- TEFs (toxic	Compound feed with the exception of: - compound feed for pet	0,35 0,5	0,35 0,5
	equivalency factors, 2005	animals and fish - compound feed for fur animals	2,5	3,5
	(1)		_	_



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