Scientific Animal Food & Engineering

R05-10

飼料データシート

定義

ネズミ、ハツカネズミ、ハムスター用の真空包装された殺菌済みの長期飼育用の飼料

製品対象

動物実験プロトコルの規定に合わせた、長期飼育用（3 ヶ月以上）のゲッ歯類の飼料

飼料を与える時期：3 ヶ月以上の成長したゲッ歯類に与える
1 日に与える量：ネズミ 18～25 g、ハツカネズミ 8～12 g
飼料の与えかた：動物実験プロトコルに従い、随時または決まった時に与える

製品形状

直径 15 ミリの粒状（注文により変更可能）

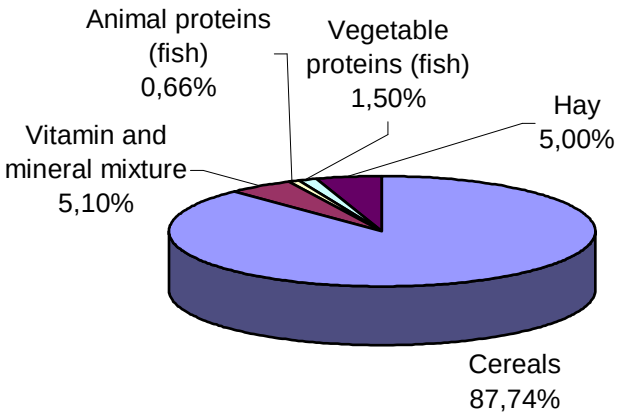
包装

10kGy の放射線照射を受け真空包装された 10kg 用の紙パック注文により別の包装も可能（真空包装、1 日分ずつ等）。

飼育条件

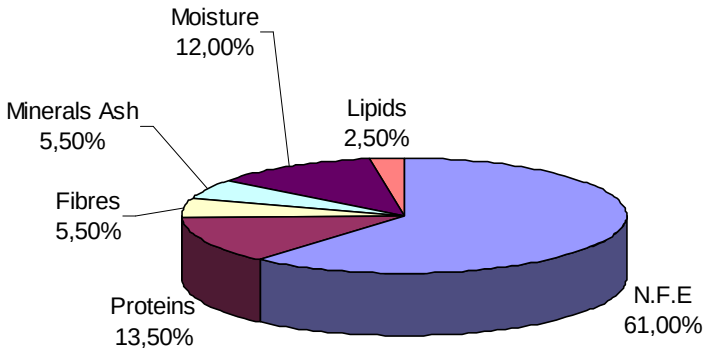
EOPS/IOPS/SPF/免疫抑制の状態にある動物

- 配合割合



- 栄養配合

カロリー摂取量 (kcal/kg) 2800



数値は指標です。これらは平均的な値です。

AMINO ACID VALUES
Calculated / kg

6500 mg	Arginine
2000	Cystine
4400 mg	Lysine
1800 mg	Methionine
1500 mg	Tryptophan
5300 mg	Glycine

FATTY ACID VALUES
Calculated / kg

2200 mg	Palmitic ac.
	Plamitoleic ac.
400 mg	Stearic ac.
6000 mg	Oleic ac.
11200 mg	Linoleic ac.
400 mg	Linolenic ac.

- ミネラルとビタミン含有量

Minerals calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
P	mg	5 000		5 000
Ca	mg	1 300	7 700	9 000
Na	mg	400	1 600	2 000
K	mg	6 000		6 000
Mg	mg	1 900	100	2 000
Mn	mg	40	40	80
Fe	mg	90	150	240
Cu	mg	10	15	25
Zn	mg	50	45	95
Co	mg		1,5	1,5

Vitamins calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
Vitam. A	UI	1 000	7 500	8500
Vitam. D3	UI		1 500	1500
Vitam. B1	mg	6	1	7
Vitam. B2	mg	2	4,5	6,5
Vitam. B3	mg	12	6,5	18,5
Vitam. B6	mg	1,3	0,7	2
Vitam. B12	mg		0,01	0,01
Vitam. E	mg	15	15	30
Vitam. K3	mg	0,25	2,25	2,5
Vitam. PP	mg	60	15	75
Ac. Folic.	mg	0,5		0,5
Biotine	mg	0,4		0,4
Choline	mg	1200	400	1600

- 平均値テストシート

		Mean	Standard deviation	Limits
Quantity manufactured	(tonnes)	4	2	
Variation from theoretical weight		Conform		
PHYSICAL QUALITY OF THE PELLETS		**Mean**	**Standard deviation**	**Limits**
Diameter	(mm)	16,66	0,13	15,5 to 17
Resistance to crushing	(kgf/cm²)	21,5	3,2	12 to 32
Resistance to abrasing	(%)	97,3	1	(> 97)
Specific mass	(g/l)	629	44	
Average pellet weight	(g)	5,24	0,37	
Average pellet length	(mm)	22,4	1,2	18 to 26
Length < Diameter	(%)	0,4	1	(< 2)
Number of pellets burnt	(/kg)	0	0	(< 1)
NUTRITIVE QUALITY		**Mean**	**Standard deviation**	**Limits**
Incorporation of macro-mineral mix (Na)		Positive		
Incorporation of micro-mineral premix (Mn and Cu)		Positive		
Incorporation of vitamin premix (vit A and E)		Positive		
Moisture	(%)	12,1	0,8	(9 to 14)
Crude protein	(%)	12,8	1,2	10 to 15
Crude oil	(%)	3,1	0,4	1,6 to 3,7
Nitrogen free extract	(%)	60,5	1,4	57 to 66
of which starch	(%)	43,9	3,9	35 to 55
of which total sugars	(%)	2,6	0,9	
Crude fibre	(%)	5,8	0,5	4 to 7
Hemicellulose	(%)			
True cellulose	(%)			
Lignine	(%)			
Total minerals	(%)	5,7	0,3	4,0 to 7,0
Calcium	(mg/kg)	9700	1100	6000 to 11000
Phosphorus	(mg/kg)	5000	400	4000 to 7000
Sodium	(mg/kg)	2200	200	1500 to 3500
Potassium	(mg/kg)	6500	700	4500 to 8000
Manganese	(mg/kg)	87	10	40 to 120
Copper	(mg/kg)	21	6	10 to 50
Vitamin A	(UI/kg)	8600	2500	5000 à 15000
Vitamine C	(mg/kg)			
Vitamin D3	(UI/kg)	900	300	(<= 3000)
Vitamin E	(mg/kg)	40	20	

CONTAMINENTS BACTERIOLOGY		**Mean**	**Standard deviation**	**Limits**
Viable organisms	(/g)	< 100		(< 100000)
Moulds and yeasts	(/g)	< 10		(< 1000)
Total coliforms	(/g)	0		(<5)
Faecal coliforms	(/g)	0		(0)
Anaerobies S.R	(/g)	< 10		(< 100)
Salmonella	(/25g)	0		(0)
MYCOTOXINS (µg/kg)				
Aflatoxin		< 1		(< 5)
Mycotoxin global risk		Negative		
HEAVY METALS		**Mean**	**Standard deviation**	**Limits**
Lead - Pb	(µg/kg)	320	290	(< 1500)
Mercury - Hg	(µg/kg)	15	7	(< 100)
Arsenic - As	(µg/kg)	50	60	(< 1000)
Cadmium - Cd	(µg/kg)	63	49	(< 250)
Selenium - Se	(µg/kg)	60	30	(< 600)
NITROGEN DERIVATIVES		**Mean**	**Standard deviation**	**Limits**
NO2	(mg/kg)	1	2	(< 500)
NO3	(mg/kg)	47	21	
NDMA	(µg/kg)	0,4	0,4	(< 10)
NDEA	(µg/kg)	< 0,2		(< 10)
NDPA	(µg/kg)	< 0,3		(< 10)
NDBA	(µg/kg)	< 0,3		(< 10)
NPIP	(µg/kg)	< 0,3		(< 10)
NPYR	(µg/kg)	< 0,5		(< 10)
NMOR	(µg/kg)	< 0,6		(< 10)
PESTICIDES ORGANOS-CHLORINE (µg/kg) (Total < 200)		**Moyenne**	**Ecart-type**	**Limites**
Lindane		4	3	(< 100)
a HCH		< 1		(< 20)
b HCH		< 5		(< 10)
d HCH		< 5		(< 100)
HCB		< 1		(< 10)
PCB		< 50		(< 50)
Aldrin		< 1		(< 10)
Dieldrin		< 1		(< 20)
Endosulfan		< 1		(< 100)
Heptachlor		< 1		(< 50)
Heptachlor Epoxyde		< 1		
Endrin		< 1		(< 10)
o,p'DDD		< 5		(< 50)
p,p'DDD		< 5		
o,p'DDE		< 1		
p,p'DDE		< 1		
o,p'DDT		< 5		
p,p'DDT		< 5		

PESTICIDES ORGANOS-PHOSPHORUS (µg/kg) (Total < 7000)	Moyenne	Ecart-type	Limites
Acéphate	< 500		(< 5000)
Azinphos ethyl	< 50		(< 5000)
Azinphos methyl	< 50		(< 5000)
Bromophos ethyl	< 10		(< 5000)
Bromophos methyl	< 20		(< 5000)
Carbophenothion ethyl	< 50		(< 5000)
Carbophenothion methyl	< 20		(< 5000)
Chlorfenvinphos	< 10		(< 5000)
Chlormephos	< 10		(< 5000)
Chlorpyriphos ethyl	< 15		(< 5000)
Chlorpyriphos methyl	30	40	(< 1500)
Chlorthiofos	< 15		(< 5000)
Diazinon	< 15		(< 5000)
Dichlofenthion	< 10		(< 5000)
Dichlorvos	< 20		(< 5000)
Diethion	< 10		(< 5000)
Dimefox	< 20		(< 5000)
Dimethoate	< 30		(< 1000)
Dioxathion	< 15		(< 5000)
Disulfoton	< 30		(< 5000)
Ethoprophos	< 20		(< 5000)
Fenchlorphos	< 20		(< 5000)
Fenitrothion	< 15		(< 5000)
Fenthion	< 30		(< 5000)
Fonofos	< 20		(< 5000)
Formothion	< 20		(< 5000)
Heptenophos	< 30		(< 5000)
Iodofenphos	< 25		(< 5000)
Malathion	154	168	(< 5000)
Methamidophos	< 15		(< 5000)
Methidathion	< 25		(< 5000)
Mevinphos	< 10		(< 5000)
Monocrotophos	< 90		(< 5000)
Naled	< 15		(< 5000)
Oxydemeton methyl	< 400		(< 5000)
Parathion ethyl	< 20		(< 5000)
Parathion methyl	< 20		(< 5000)
Phosalone	< 50		(< 5000)
Phosmet	< 50		(< 5000)
Phosphamidon	< 25		(< 5000)
Profenofos	< 50		(< 5000)
Prothoate	< 20		(< 5000)
Pyridaphention	< 15		(< 5000)
Pyrimiphos ethyl	< 20		(< 5000)
Pyrimiphos methyl	28	16	(< 2500)
Sulfotep	< 20		(< 5000)
Temephos	< 15		(< 5000)
Tetrachlorvinphos	< 30		(< 5000)
Thiomethon	< 40		(< 5000)
Trazophos	< 30		(< 5000)
Trichlorfon	< 10		(< 5000)
Trichloronate	< 25		(< 5000)
SYNTHETIC PYRETHRINOIDS (µg/kg)			
none			