

# D04

飼料データシート

## ◆ 定義

ネズミ、ハツカネズミ、ハムスター用のオートクレーブ処理（121℃、15分間）した飼育用の飼料

## ◆ 製品対象

繁殖用ではない飼育用のゲッ歯類の飼料

飼料を与える時期：離乳時から成長したゲッ歯類に与える

1日に与える量：ネズミ 15～25 g、ハツカネズミ 5～10 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）

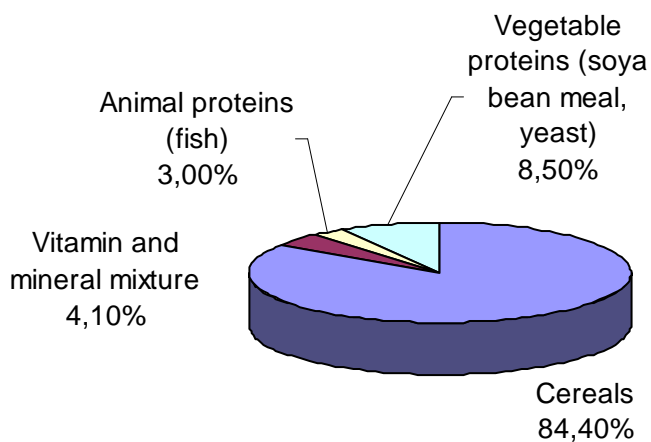
## ◆ 包装

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

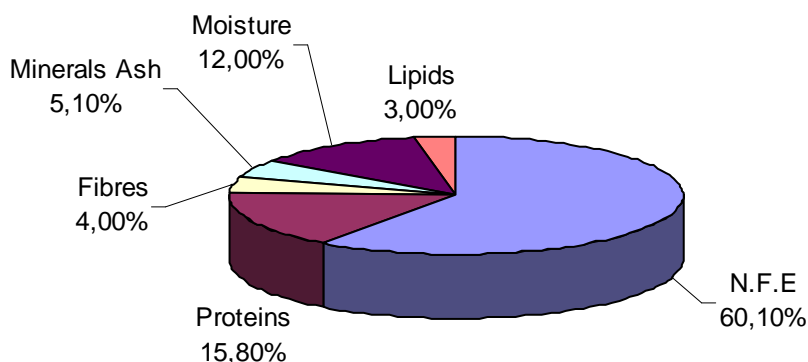
EOPS/IOPS/SPF/免疫抑制の状態にある動物

◆ 配合割合



◆ 栄養配合

カロリー摂取量 (kcal/kg) 2900



数値は指標です。これらは平均的な値です。

**AMINO ACID VALUES**

Calculated / kg

9500 mg	Arginine
2400 mg	Cystine
7300 mg	Lysine
2600 mg	Methionine
2000 mg	Tryptophan
8700 mg	Glycine

**FATTY ACID VALUES**

Calculated / kg

3100 mg	Palmitic ac.
300 mg	Plamitoleic ac.
600 mg	Stearic ac.
8700 mg	Oleic ac.
15400 mg	Linoleic ac.
Traces	Linolenic ac.

◆ ミネラルとビタミン含有量

Minerals calculated / kg

		<b>Nat.val.(*)</b>	<b>CMV val.</b>	<b>TOTAL</b>
<b>P</b>	mg	3 700	500	4 200
<b>Ca</b>	mg	1 000	6 800	7 800
<b>Na</b>	mg	500	1 900	2 400
<b>K</b>	mg	6 200		6 200
<b>Mg</b>	mg	2 020	130	2 150
<b>Mn</b>	mg	30	40	70
<b>Fe</b>	mg	90	150	240
<b>Cu</b>	mg	traces	15	15
<b>Zn</b>	mg	40	45	85
<b>Co</b>	mg	0,05	1,5	1,55
<b>I</b>	mg			
<b>CI</b>	mg			

Vitamins calculated / kg

		<b>Nat.val.(*)</b>	<b>CMV val.</b>	<b>TOTAL</b>
<b>Vitam. A</b>	UI		16 000	16000
<b>Vitam. D3</b>	UI		1 500	1500
<b>Vitam. B1</b>	mg	6	2	8
<b>Vitam. B2</b>	mg	2	8	10
<b>Vitam. B3</b>	mg	11	19	30
<b>Vitam. B6</b>	mg	1,4	3,1	4,5
<b>Vitam. B12</b>	mg	0,013	0,02	0,033
<b>Vitam. E</b>	mg		80	80
<b>Vitam. K3</b>	mg	0,2	4	4,2
<b>Vitam. PP</b>	mg	57	28	85
<b>Ac. Folic.</b>	mg	0,5	0,2	0,7
<b>Biotine</b>	mg	0,05	0,08	0,13
<b>Choline</b>	mg	1210	640	1850
<b>Meso-Inositol</b>	mg		0,8	0,8
<b>Ac. PAB</b>	mg		0,4	0,4

◆ 平均値テストシート

		Mean	Standard deviation	Limits
<b>Quantity manufactured</b>	(tonnes)	6	3	
<b>Variation from theoretical weight</b>		conform		
		Mean	Standard deviation	Limits
<b>Diameter</b>	(mm)	16,57	0,12	15,5 to 17,0
<b>Resistance to crushing</b>	(kgf/cm <sup>2</sup> )	22,7	3,5	12 to 32
<b>Resistance to abrasing</b>	(%)	97,4	0,6	(> 97)
<b>Specific mass</b>	(g/l)	637	38	
<b>Average pellet weight</b>	(g)	5,26	0,32	
<b>Average pellet length</b>	(mm)	22,2	1,1	18 to 26
<b>Length &lt; Diameter</b>	(%)	0,2	0,6	(< 2)
<b>Number of pellets burnt</b>	(/kg)	0	0	(< 1)
<b>NUTRITIVE QUALITY</b>		Mean	Standard deviation	Limits
<b>Incorporation of macro-mineral mix (Na)</b>		Positive		
<b>Incorporation of micro-mineral premix (Mn and Cu)</b>		Positive		
<b>Incorporation of vitamin premix (vit A and E)</b>		Positive		
<b>Moisture</b>	(%)	11,9	0,9	(9 to 14)
<b>Crude protein</b>	(%)	15,8	0,5	14,5 to 18,0
<b>Crude oil</b>	(%)	3,1	0,3	1,7 to 3,7
<b>Nitrogen free extract</b>	(%)	60,1	1,4	57 to 63
<b>of which starch</b>	(%)	44,4	3,7	35 to 50
<b>of which total sugars</b>	(%)	2,3	0,6	
<b>Crude fibre</b>	(%)	3,9	0,6	3,0 to 5,5
<b>Hemicellulose</b>	(%)			
<b>True cellulose</b>	(%)			
<b>Lignine</b>	(%)			
<b>Total minerals</b>	(%)	5,1	0,4	4,0 to 6,0
<b>Calcium</b>	(mg/kg)	8000	1100	5500 to 10000
<b>Phosphorus</b>	(mg/kg)	4200	500	3000 to 7000
<b>Sodium</b>	(mg/kg)	2400	200	1500 to 3000
<b>Potassium</b>	(mg/kg)	6300	700	5000 to 8500
<b>Manganese</b>	(mg/kg)	70	8	40 to 130
<b>Copper</b>	(mg/kg)	16	4	0 to 35
<b>Vitamin A</b>	(UI/kg)	16500	2700	10000 to 30000
<b>Vitamine C</b>	(mg/kg)			
<b>Vitamin D3</b>	(UI/kg)	1400	500	(<= 3000)
<b>Vitamin E</b>	(mg/kg)	80	10	

<b>CONTAMINANTS</b>				
<b>BACTERIOLOGY</b>		<b>Mean</b>	<b>Standard deviation</b>	<b>Limits</b>
<b>Viable organisms</b>	(/g)	1900	2500	(< 100000)
<b>Moulds and yeasts</b>	(/g)	< 10		(< 1000)
<b>Total coliforms</b>	(/g)	0		(<5)
<b>Faecal coliforms</b>	(/g)	0		(0)
<b>Anaerobies S.R</b>	(/g)	< 10		(< 100)
<b>Salmonella</b>	(/25g)	0		(0)
<b>MYCOTOXINS (µg/kg)</b>				
<b>Aflatoxin</b>		< 1		(< 5)
<b>Mycotoxin global risk</b>		Negative		
<b>HEAVY METALS</b>		<b>Mean</b>	<b>Standard deviation</b>	<b>Limits</b>
<b>Lead - Pb</b>	(µg/kg)	220	150	(< 1500)
<b>Mercury - Hg</b>	(µg/kg)	22	14	(< 100)
<b>Arsenic - As</b>	(µg/kg)	50	70	(< 1000)
<b>Cadmium - Cd</b>	(µg/kg)	49	26	(< 250)
<b>Selenium - Se</b>	(µg/kg)	120	60	(< 600)
<b>NITROGEN DERIVATIVES</b>		<b>Mean</b>	<b>Standard deviation</b>	<b>Limits</b>
<b>NO2</b>	(mg/kg)	1	1	(< 500)
<b>NO3</b>	(mg/kg)	32	36	
<b>NDMA</b>	(µg/kg)	1	0,9	(< 10)
<b>NDEA</b>	(µg/kg)	< 0,2		(< 10)
<b>NDPA</b>	(µg/kg)	< 0,3		(< 10)
<b>NDBA</b>	(µg/kg)	< 0,3		(< 10)
<b>NPIP</b>	(µg/kg)	< 0,3		(< 10)
<b>NPYR</b>	(µg/kg)	< 0,5		(< 10)
<b>NMOR</b>	(µg/kg)	< 0,6		(< 10)
<b>PESTICIDES ORGANOS-CHLORINE (µg/kg) (Total &lt; 200)</b>		<b>Mean</b>	<b>Standard deviation</b>	<b>Limits</b>
<b>Lindane</b>		2	3	(< 100)
<b>a HCH</b>		< 1		(< 20)
<b>b HCH</b>		< 5		(< 10)
<b>d HCH</b>		< 5		(< 100)
<b>HCB</b>		< 1		(< 10)
<b>PCB</b>		< 50		(< 50)
<b>Aldrin</b>		< 1		(< 10)
<b>Dieldrin</b>		< 1		(< 20)
<b>Endosulfan</b>		< 1		(< 100)
<b>Heptachlor</b>		< 1		(< 50)
<b>Heptachlor Epoxyde</b>		< 1		
<b>Endrin</b>		< 1		(< 10)
<b>o,p'DDD</b>		< 5		(< 50)
<b>p,p'DDD</b>		< 5		
<b>o,p'DDE</b>		< 1		
<b>p,p'DDE</b>		< 1		
<b>o,p'DDT</b>		< 5		
<b>p,p'DDT</b>		< 5		

PESTICIDES ORGANOS-PHOSPHORUS ( $\mu\text{g}/\text{kg}$ ) (Total < 7000)	Mean	Standard deviation	Limits
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	< 15		(< 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	76	85	(< 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	16	2	(< 2500)
Sulfotep	< 20		(< 5000)
Temephos	< 15		(< 5000)
Tetrachlorvinphos	< 30		(< 5000)
Thiomethon	< 40		(< 5000)
Trazophos	< 30		(< 5000)
Trichlorfon	< 10		(< 5000)
Trichloronate	< 25		(< 5000)
SYNTHETIC PYRETHRINOIDS ( $\mu\text{g}/\text{kg}$ )			
Deltamethrine	3 +/- 13		