

R04T 25

DIET DATA SHEET

◆ DEFINITION

Food for maintenance Rats, Mice and Hamsters

◆ PRODUCT OBJECTIVE

Rodent food destined for transgenic or specific lines during growth and/or breeding animals (pregnant and nursing).

Distribution period: from weaning and to adult rodents

Daily amount consumed: rats 15 to 25 g, mice from 5 to 10 g.

Method of distribution: ad libitum or rationed according to experimental protocols.

◆ PRODUCT PRESENTATION

4.5 mm diameter granulate

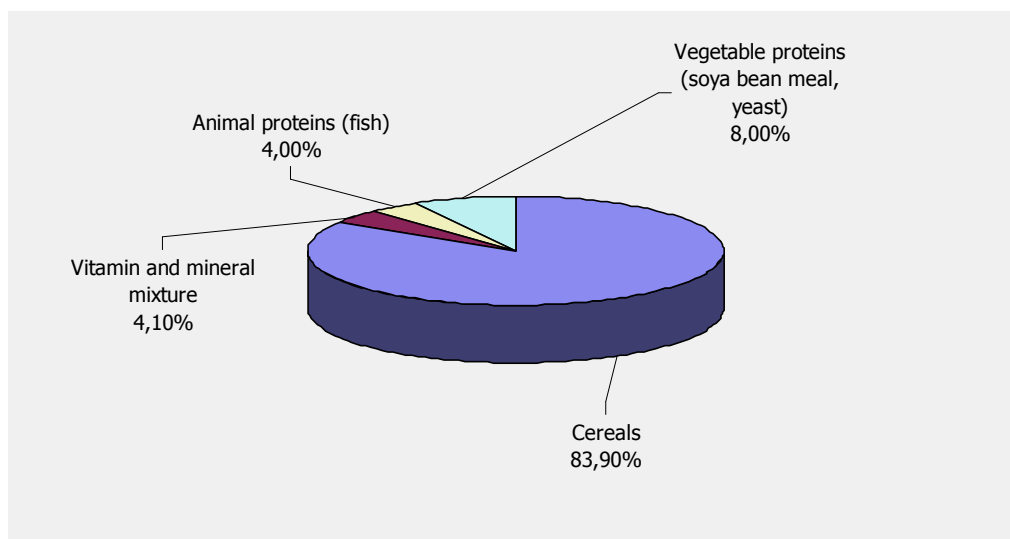
◆ PACKAGING

vacuum-packed, irradiated at 25 kilograys.

◆ MAINTENANCE CONDITIONS

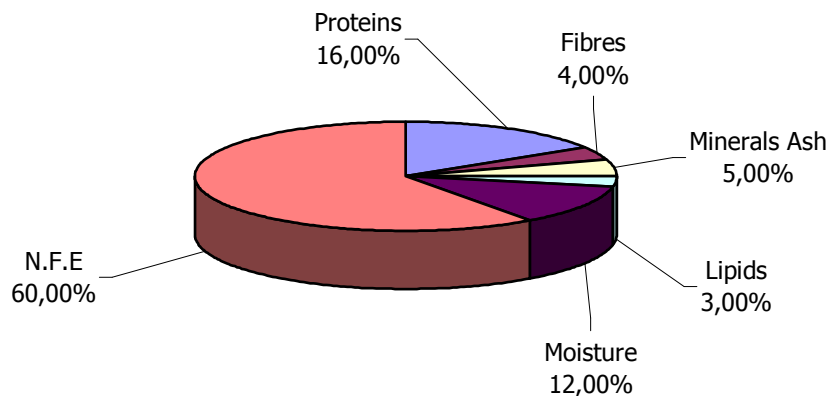
Animals with transgenic status or specific lines

◆ CENTESIMAL COMPOSITION



◆ **NUTRITIONAL COMPOSITION**

Caloric intake (kcal/kg) 2900



Values are given as an indication only. They are average values

AMINO ACID VALUES

Calculated / kg

9 800 mg	Arginine
2 300 mg	Cystine
7 700 mg	Lysine
2 800 mg	Methionine
1 900 mg	Tryptophan
8 100 mg	Glycine

FATTY ACID VALUES

Calculated / kg

4 000 mg	Palmitic ac.
600 mg	Plamitoleic ac.
Traces	Stearic ac.
6 400 mg	Oleic ac.
12 400 mg	Linoleic ac.
90 mg	Linolenic ac.

◆ **MINERAL AND VITAMIN CONTENT**

Minerals calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
P	mg	5 900	-	5 900
Ca	mg	3 300	5 000	8 300
Na	mg			4.4 to 5.1
K	mg			10 à 20
Mg	mg			(> 98)
Mn	mg			90
Fe	mg			280
Cu	mg			8 to 15
Zn	mg			64
Co	mg			1,6
I	mg	0,3		0,3

Vitamins calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
Vitam. A	UI	Traces	7 500	7500
Vitam. D3	UI	Traces	1 000	1000
Vitam. B1	mg			4.4 to 5.1
Vitam. B2	mg			10 to 20
Vitam. B3	mg			(> 98)
Vitam. B6	mg			3,5
Vitam. B12	mg			0
Vitam. E	mg			8 to 15
Vitam. K3	mg			0
Vitam. PP	mg			0
Ac. Folic.	mg	0,5		0,5
Biotine	mg	0,04		0,04
Choline	mg	1200	400	1600

◆ MEAN TEST SHEET :

		Mean	Standard deviation	Limits
Quantity manufactured	(tonnes)	22	13	
Variation from theoretical weight		conform		
		Mean	Standard deviation	Limits
Diameter	(mm)			4.4 to 5.1
Resistance to crushing	(kgf/cm ²)			10 to 20
Resistance to abrasing	(%)			(> 98)
Specific mass	(g/l)			
Average pellet weight	(g)			
Average pellet length	(mm)			8 to 15
Length < Diameter	(%)			(< 3)
Number of pellets burnt	(/kg)			(< 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	(%)	11,9	0,9	(9 to 14)
Crude protein	(%)	16,1	0,6	(14,5 to 18,0)
Crude oil	(%)	3,1	0,3	(1,7 to 3,7)
Nitrogen free extract	(%)	60	1,3	(57,0 to 63,0)
of which starch	(%)	45,8	3,6	(35,0 to 53,0)
of which total sugars	(%)	2	0,6	
Crude fibre	(%)	3,9	0,5	(3,0 to 5,5)
Hemicellulose	(%)			
True cellulose	(%)			
Lignine	(%)			
Total minerals	(%)	5,1	0,4	(4,0 to 6,0)
Calcium	(mg/kg)	8400	800	(6000 to 10000)
Phosphorus	(mg/kg)	5700	400	(4500 to 7000)
Sodium	(mg/kg)	2500	300	(1500 to 3500)
Potassium	(mg/kg)	6400	600	(5500 to 8500)
Manganese	(mg/kg)	70	9	(40 to 100)
Copper	(mg/kg)	17	3	(10 to 35)
Vitamin A	(UI/kg)	6600	1100	(4000 to 11000)
Vitamine C	(mg/kg)			
Vitamin D3	(UI/kg)	900	400	(<= 3000)
Vitamin E	(mg/kg)	30	10	
CONTAMINENTS		Mean	Standard deviation	Limits
BACTERIOLOGY				
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				
Lead - Pb	(µg/kg)	200	150	(< 1500)
Mercury - Hg	(µg/kg)	21	11	(< 100)
Arsenic - As	(µg/kg)	70	100	(< 1000)
Cadmium - Cd	(µg/kg)	51	32	(< 250)
Selenium - Se	(µg/kg)	160	70	(< 600)
NITROGEN DERIVATIVES				
NO2	(mg/kg)	2,1	4,7	Σ (< 500)
NO3	(mg/kg)	25,6	28,6	
NDMA	(µg/kg)	0,84	0,36	(< 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)				
Lindane		2	6	(< 100)
a HCH		< 1		(< 20)
b HCH		< 5		(< 10)
d HCH		< 5		(< 100)
HCB		< 1		(< 10)
PCB		< 50		(< 50)

PESTICIDES ORGANOS-PHOSPHORUS (µg/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	56	54	(< 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	34	105	(< 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)

Deltamethrine 0 + - 3