

D04

DIET DATA SHEET

◆ DEFINITION

Autoclavable food for maintenance Rats, Mice and Hamsters (121°C and 15 minutes)

◆ PRODUCT OBJECTIVE

Rodent food destined for maintenance of non-breeding animals

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

15 mm diameter granulate (can be modified on request)

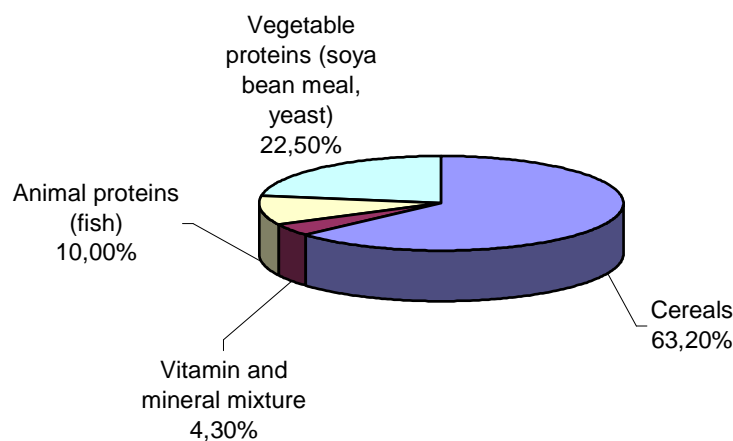
◆ PACKAGING

10kg paper bag. Other packaging available on request (vacuum-packed, daily ration...)

◆ MAINTENANCE CONDITIONS

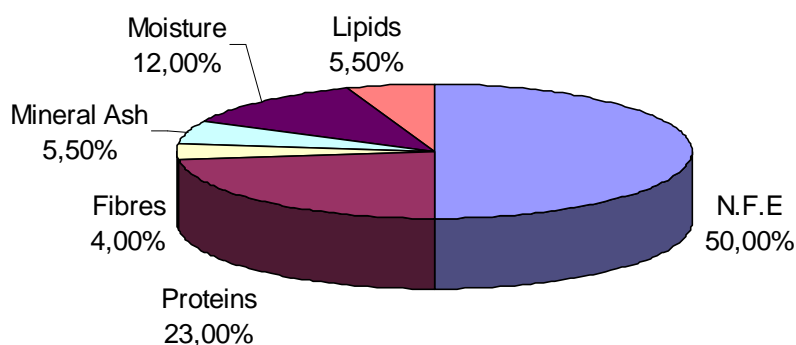
Animals with EOPS/IOPS/SPF/ Immunodepressed status

◆ 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

12800 mg	Arginine
3500 mg	Cystine
14000 mg	Lysine
5000 mg	Methionine
2500 mg	Tryptophan
12300 mg	Glycine

FATTY ACID VALUES

Calculated / kg

6 700 mg	Palmitic ac.
900 mg	Plamitoleic ac.
1200 mg	Stearic ac.
17600 mg	Oleic ac.
30400 mg	Linoleic ac.
100 mg	Linolenic ac.

◆ **MINERAL AND VITAMIN CONTENT**

Minerals calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
P	mg	5 500	500	6 000
Ca	mg	2 200	6 800	9 000
Na	mg	1000	2000	3 000
K	mg	8 000		8 000
Mg	mg	1 400	150	1 550
Mn	mg	40	40	80
Fe	mg	95	150	245
Cu	mg	5	15	20
Zn	mg	23	45	68
Co	mg	0,1	1,5	1,6
I	mg			
CI	mg			

Vitamins calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
Vitam. A	UI		20 000	20000
Vitam. D3	UI		1 000	1000
Vitam. B1	mg	7	2,5	9,5
Vitam. B2	mg	5	10	15
Vitam. B3	mg	15	24	39
Vitam. B6	mg	5	4	9
Vitam. B12	mg	0,025	0,025	0,05
Vitam. E	mg		100	100
Vitam. K3	mg		5	5
Vitam. PP	mg	60	30	90
Ac. Folic.	mg	0,75	0,25	1
Biotine	mg	0,15	0,1	0,25
Choline	mg	1560	800	2360
Meso-Inositol	mg		1	1
Ac. PAB	mg		0,5	0,5

◆ MEAN TEST SHEET :

		Mean	Standard deviation	Limits
Quantity manufactured	(tonnes)	9	3	
Variation from theoretical weight		conform		
		Mean	Standard deviation	Limits
Diameter	(mm)	10,4	0,07	10,1 to 11,5
Resistance to crushing	(kgf/cm ²)	14	2,2	9 to 20
Resistance to abrasing	(%)	99	0,3	(> 97)
Specific mass	(g/l)	673	44	
Average pellet weight	(g)	1,8	0,1	
Average pellet length	(mm)	18,3	1,1	13 to 23
Length < Diameter	(%)	0,2	0,4	(< 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	(%)	11,2	0,8	(9 to 14)
Crude protein	(%)	23,1	1	20,0 to 24,0
Crude oil	(%)	5,6	0,3	4,5 to 8,5
Nitrogen free extract	(%)	50,6	0,5	46 to 55
of which starch	(%)	32,8	0,5	28 to 36
of which total sugars	(%)	3,9	0,8	
Crude fibre	(%)	3,9	0,1	3,0 to 4,5
Hemicellulose	(%)			
True cellulose	(%)			
Lignine	(%)			
Total minerals	(%)	5,6	0,3	5,0 to 8,0
Calcium	(mg/kg)	8900	500	7500 to 11000
Phosphorus	(mg/kg)	5800	300	4500 to 7000
Sodium	(mg/kg)	3100	0	2300 to 3600
Potassium	(mg/kg)	8800	200	6000 to 11000
Manganese	(mg/kg)	86	5	65 to 120
Copper	(mg/kg)	19	3	0 to 35
Vitamin A	(UI/kg)	19800	7300	10000 to 40000
Vitamine C	(mg/kg)			
Vitamin D3	(UI/kg)	1000	600	(<= 3000)
Vitamin E	(mg/kg)	80	40	

CONTAMINENTS				
BACTERIOLOGY		Mean	Standard deviation	Limits
Viable organisms	(/g)	1400	900	(< 100000)
Moulds and yeasts	(/g)	30	42	(< 1000)
Total coliforms	(/g)	0		(<5)
Faecal coliforms	(/g)	0	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	190	(< 1500)
Mercury - Hg	(µg/kg)	37	6	(< 100)
Arsenic - As	(µg/kg)	200	130	(< 1000)
Cadmium - Cd	(µg/kg)	54	11	(< 250)
Selenium - Se	(µg/kg)	180	80	(< 600)
NITROGEN DERIVATIVES		Mean	Standard deviation	Limits
NO2	(mg/kg)	2,2	1,5	(< 500)
NO3	(mg/kg)	60	30	
NDMA	(µg/kg)	3,4	0,8	(< 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)		Mean	Standard deviation	Limits
Lindane		19	15	(< 100)
a HCH		< 1		(< 20)
b HCH		< 5		(< 10)
d HCH		< 5		(< 100)
HCB		< 1		(< 10)
PCB		< 50		(< 50)
Aldrin		< 1		(< 10)
Dieldrin		7	9	(< 20)
Endosulfan		1	2	(< 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 ($\mu\text{g}/\text{kg}$) (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	155	88	(< 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	75	39	(< 2500)
Sulfotep	< 20		(< 5000)
Temephos	< 15		(< 5000)
Tetrachlorvinphos	< 30		(< 5000)
Thiomethon	< 40		(< 5000)
Trazophos	< 30		(< 5000)
Trichlorfon	< 10		(< 5000)
Trichloronate	< 25		(< 5000)
SYNTHETIC PYRETHRINOIDS ($\mu\text{g}/\text{kg}$)			
none			