

◆ DEFINITION

Guinea pig maintenance food

◆ PRODUCT OBJECTIVE

Guinea pig food destined for adult animals during the maintenance period, to be used within the context of experimental protocols.

Distribution period: adult animals after weaning.

Daily amount consumed: 35 to 50 g.

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

◆ PRODUCT PRESENTATION

4.5 mm diameter granulate (can be modified on request)

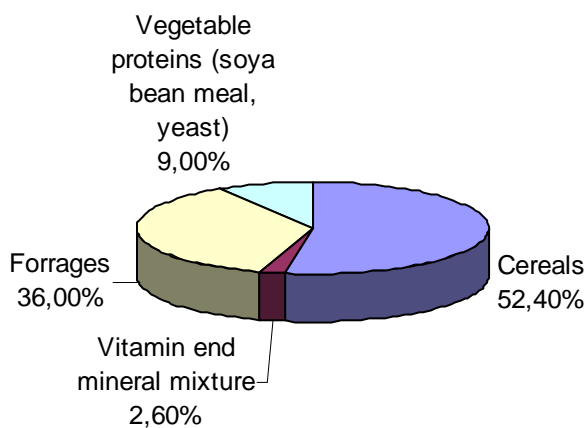
◆ PACKAGING

10 kg paper bag. Other packaging available on request.

◆ MAINTENANCE CONDITIONS

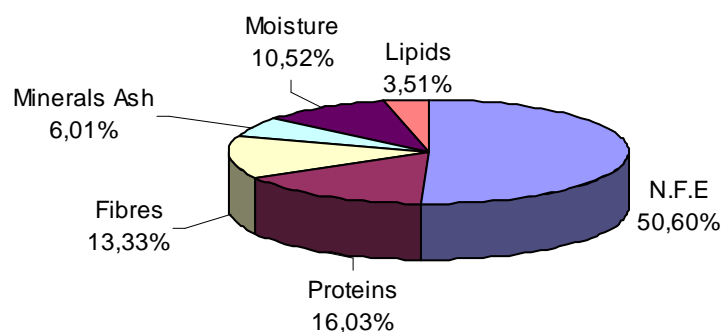
Animals kept under conventional conditions.

◆ CENTESIMAL COMPOSITION



◆ NUTRITIONAL COMPOSITION

Caloric intake (kcal/kg) 2600



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

AMINO ACID VALUES

Calculated / kg

8 500 mg	Arginine
2 500 mg	Cystine
7 200 mg	Lysine
2 100 mg	Methionine
2 000 mg	Tryptophan
6 000 mg	Glycine

FATTY ACID VALUES

Calculated / kg

3 600 mg	Palmitic ac.
-	Plamitoleic ac.
700 mg	Stearic ac.
5 900 mg	Oleic ac.
11 200 mg	Linoleic ac.
3 000 mg	Linolenic ac.

◆ MINERAL AND VITAMIN CONTENT

Minerals calculated / kg

		conforme	CMV val.	TOTAL
P	mg	3 600	1 400	5 000
Ca	mg	2 400	5 600	8 000
Na	mg	450	1950	(4,4 à 5,0)
K	mg	13 000	-	13 000
Mg	mg	3 270	130	3 400
Mn	mg	35	40	3
Fe	mg	170	150	320
Cu	mg	5	15	20
Zn	mg	40	45	85
Co	mg	0,1	1,5	1,6
I	mg	-	-	-
CI	mg	-	-	-

Vitamins calculated / kg

		conforme	CMV val.	TOTAL
Vitam. A	UI		7 500	7500
Vitam. D3	UI		2 000	2000
Vitam. B1	mg	6	6,4	(4,4 à 5,0)
Vitam. B2	mg	5	6,4	11,4
Vitam. B3	mg	22	26	48
Vitam. B6	mg	0,7	2,7	3.4
Vitam. B12	mg	0,003	0,012	0,015
Vitam. C	mg		400	400
Vitam. E	mg	15	60	75
Vitam. K3	mg	5	12,6	17,6
Vitam. PP	mg	97	14,5	111,5
Ac. Folic	mg	2,2	1,3	3,5
Ac.PAB	mg		2,5	2,5
Biotine	mg	0,02	0,06	0,08
Choline	mg	1000	600	1600
Meso-Inositol	mg		62,5	62,5

◆ MEAN TEST SHEET :

		Mean	Standard deviation	Limits
Quantity manufactured	(tonnes)	8	2	
Variation from theoretical weight		conform		
PHYSICAL QUALITY OF THE PELLETS				
Diameter	(mm)	4,7	0,08	(4,4 to 5,0)
Resistance to crushing	(kgf/cm ²)	14,3	1,8	(10 to 20)
Resistance to abrasing	(%)	99,3	0,2	(> 98)
Specific mass	(g/l)	684	34	3,4
Average pellet weight	(g)	0,25	0,02	
Average pellet length	(mm)	12,1	1,2	(8 to 15)
Length < Diameter	(%)	0,4	0,6	(< 2)
Number of pellets burnt	(/kg)	0	0	(< 1)
NUTRITIVE QUALITY				
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	(%)	10,5	0,3	(8 to 13)
Crude protein	(%)	15,8	0,2	(14,0 to 18,0)
Crude oil	(%)	3,4	0,2	(2,0 to 4,5)
Nitrogen free extract	(%)	50,8	1	(43 to 55)
of which starch	(%)	26,9	3	(18 to 31)
of which total sugars	(%)	3,2	0,8	
Crude fibre	(%)	13,4	0,4	(11 to 16)
Hemicellulose	(%)	14,2	1,6	
True cellulose	(%)	14	1,5	
Lignine	(%)	3,1	0,1	
Total minerals	(%)	6,2	0,1	(5,0 to 8,0)
Calcium	(mg/kg)	8100	400	(6000 to 10000)
Phosphorus	(mg/kg)	5100	500	(4500 to 8000)
Sodium	(mg/kg)	2400	200	(1500 to 3000)
Potassium	(mg/kg)	13700	400	(8000 to 16000)
Manganese	(mg/kg)	74	5	(60 to 120)
Copper	(mg/kg)	19	3	(0 to 35)
Vitamin A	(UI/kg)	7500	1600	(4000 to 15000)
Vitamine C	(mg/kg)	390	200	>200
Vitamin D3	(UI/kg)	1600	1200	(<= 3000)
Vitamin E	(mg/kg)	120	20	

CONTAMINENTS			
BACTERIOLOGY			
	M	S-D	L
Viable organisms	(/g) 5800	5100	(< 100000)
Moulds and yeasts	(/g) < 10		(< 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			
	M	S-D	L
Lead - Pb	(µg/kg) 260	120	(< 1500)
Mercury - Hg	(µg/kg) 22	13	(< 100)
Arsenic - As	(µg/kg) 60	50	(< 1000)
Cadmium - Cd	(µg/kg) 49	14	(< 250)
Selenium - Se	(µg/kg) 90	20	(< 600)
NITROGEN DERIVATIVES			
	M	S-D	L
NO2	(mg/kg) 4	3	Σ (< 500)
NO3	(mg/kg) 330	20	
NDMA	(µg/kg) 1,5	1	(< 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) 2,5	1,3	(< 10)
NMOR	(µg/kg) < 0,6		(< 10)
PESTICIDES ORGANOS-CHLORINE (µg/kg) (Total < 200)			
	M	S-D	L
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		Σ (< 50)
Heptachlor Epoxyde	< 1		
Endrin	< 1		(< 10)
o,p'DDD	< 5		Σ (< 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)	M	S-D	L
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	23	29	(< 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)
Fenclorphos	< 20		(< 5000)
Fenitrothion	< 15		(< 5000)
Fenthion	< 30		(< 5000)
Fonofos	< 20		(< 5000)
Formothion	< 20		(< 5000)
Heptenophos	< 30		(< 5000)
Iodofenphos	< 25		(< 5000)
Malathion	57	40	(< 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	133	69	(< 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			