

◆ DEFINITION

Food for laboratory guinea pigs

◆ PRODUCT OBJECTIVE

Unique food for growing and adult animals within the context of experimental protocols.

Distribution period: from birth.

Daily amount consumed: guinea pigs from 35 to 50 g.

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

◆ PRODUCT PRESENTATION

3 mm diameter granulate (can be modified on request)

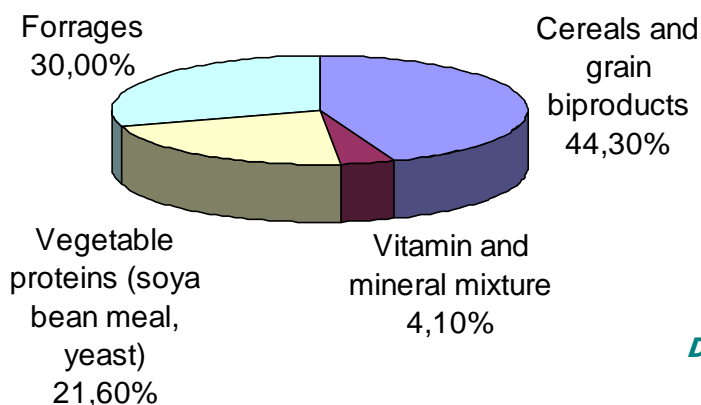
◆ PACKAGING

<i>Food status</i>	<i>Packaging</i>	<i>Packing</i>	<i>Analytical sheet</i>	<i>Level of irradiation</i>	<i>Animal</i>
114	10 kg	Paper bag	No	None	Conventional
114C	10 kg	Paper bag	Yes	None	Conventional
R14-10	10kg	Vacuum-packed	Yes	None	Conventional

◆ MAINTENANCE CONDITIONS

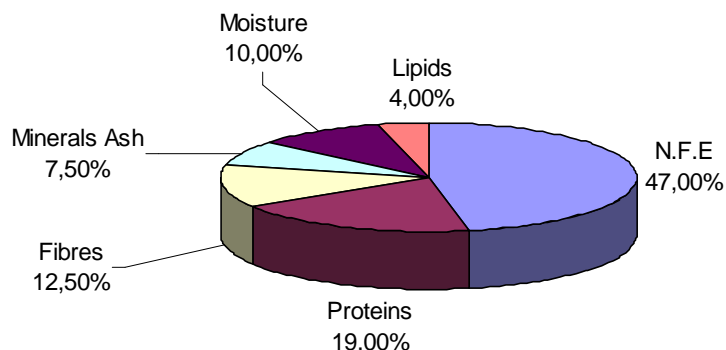
Variant food depending on the status of the animal unit.

◆ CENTESIMAL COMPOSITION



◆ **NUTRITIONAL COMPOSITION**

Caloric intake (kcal/kg) 2700



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

AMINO ACID VALUES

Calculated / kg

13000 mg	Arginine
3000 mg	Cystine
8700 mg	Lysine
2800 mg	Methionine
2100 mg	Tryptophan
8100 mg	Glycine

FATTY ACID VALUES

Calculated / kg

6600 mg	Palmitic ac.
200 mg	Plamitoleic ac.
2700 mg	Stearic ac.
10500 mg	Oleic ac.
12800 mg	Linoleic ac.
3000 mg	Linolenic ac.

◆ **MINERAL AND VITAMIN CONTENT**

Minerals calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
P	mg	3 600	2 400	6 000
Ca	mg	6 400	4 300	10 700
Na	mg	400	2 000	2 400
K	mg	12 000		12 000
Mg	mg	3 000	130	3 130
Mn	mg	50	40	90
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		3 000	-

Vitamins calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
Vitam. A	UI		15 000	15000
Vitam. D3	UI		2 000	2000
Vitam. B1	mg	6	16	22
Vitam. B2	mg	5	16	21
Vitam. B3	mg	23	100	123
Vitam. B6	mg	traces	10	10
Vitam. B12	mg		0,05	0,05
Vitam. C			800	800
Vitam. E	mg		250	250
Vitam. K3	mg	5	50	55
Vitam. PP	mg	9	100	109
Ac. Folic.	mg	2	5	7
Ac. PAB	mg		10	10
Biotine	mg	0,02	0,25	0,27
Choline	mg	1000	700	1700
Meso-Inositol	mg		250	250

◆ MEAN TEST SHEET :

		Mean	Standard deviation	Limits
Quantity manufactured	(tonnes)	10	4	
Variation from theoretical weight		Conform		
PHYSICAL QUALITY OF THE PELLETS				
Diameter	(mm)	3,19	0,07	3,0 to 3,6
Resistance to crushing	(kgf/cm ²)	6,5	1,5	4 to 12
Resistance to abrasing	(%)	99	0,5	(> 98)
Specific mass	(g/l)	634	41	
Average pellet weight	(g)	0,087	0,075	
Average pellet length	(mm)	8,29	1,38	3,0 to 13,0
Length < Diameter	(%)	0,9	0,8	(< 3)
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	(%)	9,6	0,8	8 to 13
Crude protein	(%)	19,4	0,6	17,0 to 23,0
Crude oil	(%)	4,3	0,3	3,0 to 5,0
Nitrogen free extract	(%)	46,6	1,1	43,0 to 48,0
of which starch	(%)	22,6	2,3	16,0 to 28,0
of which total sugars	(%)	3,1	0,4	
Crude fibre	(%)	12,6	0,9	11,0 to 16,0
Hemicellulose	(%)	13,8	1,8	
True cellulose	(%)	11,3	2,4	
Lignine	(%)	3,1	0,3	
Total minerals	(%)	7,4	0,4	6,0 to 8,5
Calcium	(mg/kg)	10700	700	8000 to 13000
Phosphorus	(mg/kg)	6100	400	5000 to 8000
Sodium	(mg/kg)	2500	300	1500 to 3000
Potassium	(mg/kg)	13200	1300	10000 to 17000
Manganese	(mg/kg)	89	11	60 to 130
Copper	(mg/kg)	21	5	10 to 35
Vitamin A	(UI/kg)	12900	2200	7000 to 18000
Vitamine C	(mg/kg)	800	190	400 to 1500
Vitamin D3	(UI/kg)	1700	500	(<= 3000)
Vitamin E	(mg/kg)	240	40	

CONTAMINENTS				
BACTERIOLOGY		Mean	Standard deviation	Limits
Viable organisms	(/g)	15300	22600	(< 100000)
Moulds and yeasts	(/g)	< 10		(< 1000)
Total coliforms	(/g)	0	1	(<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)	230	170	(< 1500)
Mercury - Hg	(µg/kg)	17	14	(< 100)
Arsenic - As	(µg/kg)	40	50	(< 1000)
Cadmium - Cd	(µg/kg)	63	26	(< 250)
Selenium - Se	(µg/kg)	120	50	(< 600)
NITROGEN DERIVATIVES		Mean	Standard deviation	Limits
NO2	(mg/kg)	2,2	4,1	(< 500)
NO3	(mg/kg)	290	100	
NDMA	(µg/kg)	0,84	0,51	(< 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)	2,81	2,13	(< 10)
NMOR	(µg/kg)	< 0,6		(< 10)
PESTICIDES ORGANOS-CHLORINE (µg/kg) (Total < 200)		Mean	Standard deviation	Limits
Lindane		3	2	(< 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 ($\mu\text{g}/\text{kg}$) (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	46	62	(< 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	106	97	(< 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			