

◆ DEFINITION

Primate food

◆ PRODUCT OBJECTIVE

Food destined for adult inactive animals and within a context of experimental protocols.

Distribution period: adult animals as soon as they are used to the experimental environment.

Daily amount consumed: variable, according to species, weight and age.

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

◆ PRODUCT PRESENTATION

10 mm diameter granulate (can be modified on request)

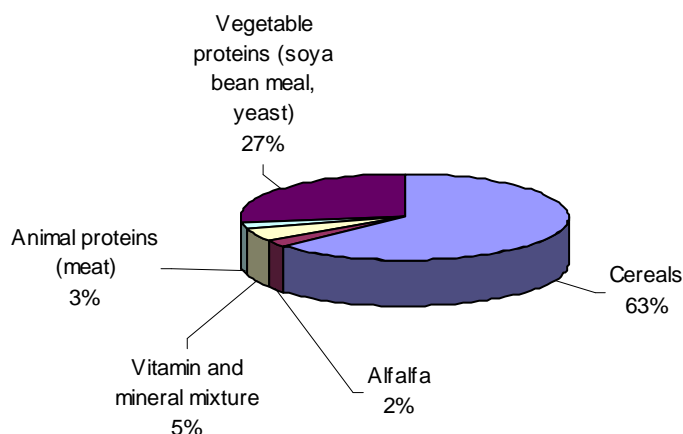
◆ PACKAGING

<i>Food status</i>	<i>Packaging</i>	<i>Packing</i>	<i>Analytical sheet</i>	<i>Level of irradiation</i>	<i>Animal</i>
107	10 kg	Paper bag	No	None	Conventional
107C	10 kg	Paper bag	Yes	None	Conventional

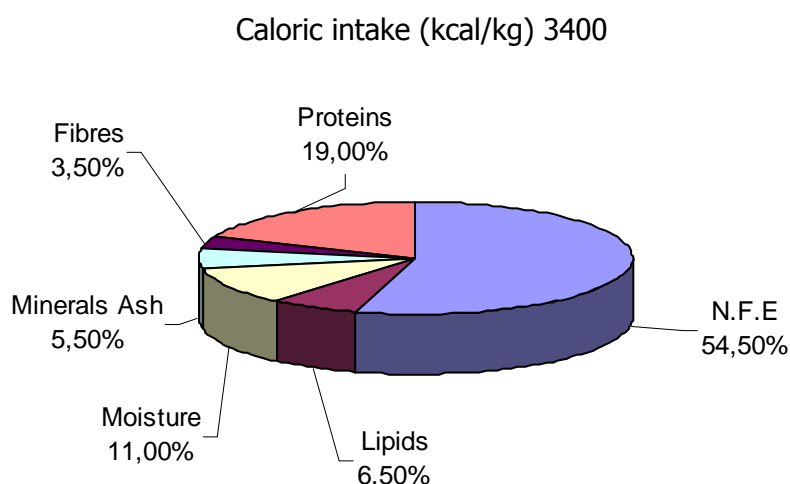
◆ MAINTENANCE CONDITIONS

Food variant according to the status of the animal unit

◆ CENTESIMAL COMPOSITION



◆ **NUTRITIONAL COMPOSITION**



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

AMINO ACID VALUES

Calculated / kg

6200 mg	Arginine
2 300 mg	Cystine
5000 mg	Lysine
3900 mg	Methionine
1700 mg	Tryptophan
5800 mg	Glycine

FATTY ACID VALUES

Calculated / kg

4000 mg	Palmitic ac.
Traces	Plamitoleic ac.
1600 mg	Stearic ac.
22000 mg	Oleic ac.
31000 mg	Linoleic ac.
Traces	Linolenic ac.

◆ **MINERAL AND VITAMIN CONTENT**

Minerals calculated / kg

P	mg	6 300
Ca	mg	9 500
Na	mg	2 300
K	mg	7 500
Mg	mg	1 800
Mn	mg	90
Fe	mg	200
Cu	mg	20
Zn	mg	50
Co	mg	2

Vitamins calculated / kg

Vitam. A	UI	13000
Vitam. D3	UI	1300
Vitam. B1	mg	19
Vitam. B2	mg	23
Vitam. B3	mg	120
Vitam. B6	mg	25
Vitam. B12	mg	0,05
Vitam. C	mg	1000
Vitam. E	mg	200
Vitam. K3	mg	50
Vitam. PP	mg	120
Ac. Folic.	mg	5,5
Biotine	mg	0,3
Choline	mg	1750
Meso-Inositol	mg	250
Ac. PAB	mg	10

◆ MEAN TEST SHEET :

	Mean	Standard deviation	Limits
Quantity manufactured (tonnes)	9	4	
Variation from theoretical weight	Conform		
PHYSICAL QUALITY OF THE PELLETS			
Diameter (mm)	11,06	0,21	(10,3 to 11,8)
Resistance to crushing (kgf/cm ²)	9.1	1.8	(5 to 15)
Resistance to abrasing (%)	97,4	1,1	(> 94)
Specific mass (g/l)	654	33	
Average pellet weight (g)	1.851	0.144	
Average pellet length (mm)	17.95	1.33	(14 to 21)
Length < Diameter (%)	0,6	1,3	(< 4)
Number of pellets burnt (/kg)	0	0	(< 1)
	Mean	Standard deviation	Limits
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 (%)	10.2	0.8	8 to 13
Crude protein (%)	18.8	0.8	(17,0 à 22,0)
Crude oil (%)	6.7	0.5	4 à 8
Nitrogen free extract (%)	55.1	1.0	51 to 60
of which starch (%)	38.5	2.1	30 to 42
of which total sugars (%)	8.7	1.5	
Crude fibre (%)	3.7	0.3	3 to 5
Hemicellulose (%)			
True cellulose (%)			
Lignine (%)			
Total minerals (%)	5.5	0.3	4.7 to 7
Calcium (mg/kg)	9600	900	7000 to 12000
Phosphorus (mg/kg)	6300	600	5000 to 8000
Sodium (mg/kg)	2400	200	1500 to 3000
Potassium (mg/kg)	7500	600	(6000 to 10000)
Manganese (mg/kg)	88	15	50 to 125
Copper (mg/kg)	21	3	10 to 35
Vitamin A (UI/kg)	12300	2200	7000 to 19000
Vitamine C (mg/kg)	810	210	300 to 1300
Vitamin D3 (UI/kg)	1300	400	(<= 3000)
Vitamin E (mg/kg)	200	30	

CONTAMINENTS			
BACTERIOLOGY			
	M	S-D	L
Viable organisms	(/g): 7600	12000	(< 100000)
Moulds and yeasts	(/g): 45	81	(< 1000)
Total coliforms	(/g): 0	1	(<5)
Faecal coliforms	(/g): 0		(0)
Anaerobies S.R	(/g): 12	17	(< 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): 210	140	(< 1500)
Mercury - Hg	(µg/kg): 14	9	(< 100)
Arsenic - As	(µg/kg): 30	40	(< 1000)
Cadmium - Cd	(µg/kg): 61	30	(< 250)
Selenium - Se	(µg/kg): 100	30	(< 600)
NITROGEN DERIVATIVES			
	M	S-D	L
NO2	(mg/kg): 3.8	10.3	(< 500)
NO3	(mg/kg): 50	30	
NDMA	(µg/kg): 0.21	0.41	(< 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)			
	M	S-D	L
Lindane	3	4	(< 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		
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)
Chlorpyrifos ethyl	< 15		(< 5000)
Chlorpyrifos 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)
Fenclorphos	< 20		(< 5000)
Fenitrothion	< 15		(< 5000)
Fenthion	< 30		(< 5000)
Fonofos	< 20		(< 5000)
Formothion	< 20		(< 5000)
Heptenophos	< 30		(< 5000)
Iodofenphos	< 25		(< 5000)
Malathion	35	32	(< 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	17	(< 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			