

Purified Diet 235 HF

DIET DATA SHEET

◆ DEFINITION

Diet for Rats and Mice

◆ PRODUCT OBJECTIVE

Rodent diet destined to increase total weight or adipose body mass. The response varies according to the terms of the protocol (period of diet, animals' age, sex, accommodation conditions...).

Effects observed in male Sprague Dawley rats weighing 120 grams in individual cages, after 10 weeks:

1. weight gain was 10% relative to a control diet rich in carbohydrates.
2. increased epididymal and retroperineal adipose mass, leptinemia
3. reduced glucose tolerance
4. development of insulin resistance
5. animals became prediabetic
6. Mimics the human metabolic syndrome

Effects observed in mice: In C57BL6 mice, after 9 weeks on this diet, the extra increase in weight was 15-20 grams versus a standard A04 type diet.

Daily amount consumed: rats 10 to 25g, mice 4 to 12

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

◆ PRODUCT PRESENTATION

10 mm diameter granulate (can be modified on request)

◆ PACKAGING

- 5 kg bucket in a box or 10 kg vacuum-packed bag. Other packaging available on request.
- Lifetime: in a bucket 4 months, vacuum-packed 12 months.
- Irradiation at 10, 25 or 40 kilograys available.

◆ CENTESIMAL COMPOSITION

casein	20%
cornstarch	13%
saccharose	29.3%
cellulose	5%
maltodextrin	2.2%

lard	20%
soy oil	2.5%
SAFE mineral 205B	7%
SAFE vitamin 200	1%

◆ **NUTRITIONAL COMPOSITION**

Caloric intake (kcal/kg): 4397

Nutrients	% in diet	Value in Kcal/kg	% in Kcal/kg
Protein	17	680	15.5
Lipids	22.5	2025	46.0
Carbohydrates	42.3	1692	38.5

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

◆ **DETAILED NUTRITIONAL COMPOSITION (average value)**

Mineral composition of intake in mg/kg via the premix

CALCIUM	7600
PHOSPHOROUS	5400
SODIUM	2700
CHLORINE	7700
POTASSIUM	3700
MAGNESIUM	1000
SULFUR	135
IRON	102
COPPER	87
MANGANESE	550
ZINC	300
IODINE	4
COBALT	0.7

Vitamin composition of intake via the premix

VITAMIN A	UI/ Kg	20000
VITAMIN D3	UI/ Kg	2500
VITAMIN E	mg/ Kg	175
VITAMIN K3	mg/ Kg	17
VITAMIN B1	mg/ Kg	20
VITAMIN B2	mg/ Kg	15
VITAMIN PP	mg/ Kg	100
VITAMIN B5	mg/ Kg	7
VITAMIN B6	mg/ Kg	10
VITAMIN B9	mg/ Kg	5
VITAMIN H	mg/ Kg	0.3
VITAMIN B12	mg/ Kg	0.05
VITAMIN C	mg/ Kg	0.8
CHOLINE	mg/ Kg	1360

(*) the values provided are taken from international diet tables They are given for information only and have no contractual value. They are subject to variations linked to growing conditions, storage and analytical methods.

