

## Purified Diet 231 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

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

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

### ◆ PRODUCT PRESENTATION

paste (can be modified on request)

### ◆ PACKAGING

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

### ◆ CENTESIMAL COMPOSITION

casein	31.7%
DL Methionine	0.8%
cornstarch	10.66%
cellulose	4.35%
lard	32.4%
corn oil	7.3%
SAFE mineral 205B	11.45%
SAFE vitamin 200	1.34%

◆ **NUTRITIONAL COMPOSITION**

Caloric intake (kcal/kg): 5053

Nutrients	% in diet	Value in Kcal/kg	% in Kcal/kg
Protein	26.9	1076	21.3
Lipids	39.7	3573	70.7
Carbohydrates	10.1	404	8

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	12300
PHOSPHOROUS	8900
SODIUM	4400
CHLORINE	12500
POTASSIUM	6100
MAGNESIUM	1660
SULFUR	210
IRON	165
COPPER	140
MANGANESE	890
ZINC	500
IODINE	7
COBALT	1.1

*Vitamin composition of intake via the premix*

VITAMIN A	UI/ Kg	26 800
VITAMIN D3	UI/ Kg	3 350
VITAMIN E	mg/ Kg	235
VITAMIN K3	mg/ Kg	23
VITAMIN B1	mg/ Kg	26
VITAMIN B2	mg/ Kg	20
VITAMIN PP	mg/ Kg	134
VITAMIN B5	mg/ Kg	9
VITAMIN B6	mg/ Kg	13.5
VITAMIN B9	mg/ Kg	6.7
VITAMIN H	mg/ Kg	0.4
VITAMIN B12	mg/ Kg	0.067
VITAMIN C	mg/ Kg	1
CHOLINE	mg/ Kg	1820

(\*) 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.