

SAFE[®] 105

PRODUCT DATA SHEET
Release date: December 2024

Page 1/2

Definition

Complete universal diet for rats, mice and hamsters.

Product Purpose

Diet for breeding, pregnant, nursing, growth and maintenance animals.

To be used within the context of experimental protocols.

Does not contain alfalfa and its byproducts.



Picture indicative only

Directions for Use

DISTRIBUTION

Period

From birth onwards.

Method

- Ad libitum or rationed according to experimental protocols.
- Remove from the packaging and place directly in the cage feeder or on the cage floor.
- Keep fresh water always available.

DAILY CONSUMPTION

Rats 18 to 25 g, mice 3 to 6 g, hamsters 8 to 12 g.

STORAGE

Store in a clean, dry and cool place, protected from light.

SHELF-LIFE from the date of production

Paper bag or plastic pouch = 12 months

Vacuum packed = 24 months

Product Presentation

*All SAFE[®] diets are available with different packaging, irradiation and with analytical data on demand.

Selected solutions of the most sold items.

DIET	STANDARD PACKAGING		USUALLY AVAILABLE WITH IRRADIATION DOSE
SAFE [®] 105	1 x 10 kg	Paper bag	
SAFE [®] 105 SP*	1 x 10 kg	Paper bag in plastic pouch	Min. 10 kGy, Min. 25 kGy
SAFE [®] R105*	1 x 10 kg	Paper bag, vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE [®] R105*	2 x 5 kg	Paper bag, double vacuum packed and boxed	Min. 25 kGy

Irradiation

Possible doses: Minimum 10, 25 or 40 kilograys.

Product Form

PELLETS	Mean
Diameter	12,6 mm
Crushing resistance	15,8 kgf/cm ²
Abrasion resistance	97,8 %
Specific mass	663 g/l
Average pellet weight	2,7 g
Average pellet length	19 mm

Also available powdered on demand.

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Page 2/2

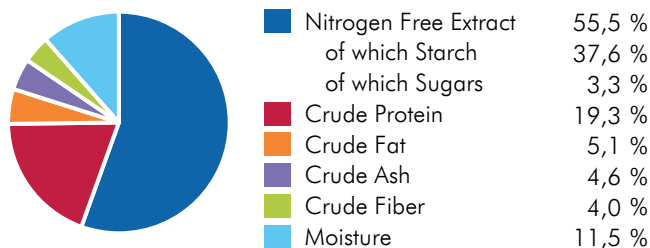
Ingredients

Barley, wheat, maize, extruded soybeans, hydrolyzed fish proteins, wheat bran, inactivated brewer's yeast, soybean meal, pre-mixture of vitamins, calcium carbonate, pre-mixture of minerals, dicalcium phosphate.

CENTESIMAL COMPOSITION

Cereals	72,0 %
Animal Proteins	6,0 %
Vegetal Proteins	17,8 %
Vitamins & Minerals	4,2 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	13,6	3 256	
ME Atwater	14,4	3 451	
Energy from proteins	3,2	772	22,4
Energy from lipids	1,9	459	13,3
Energy from NFE	9,3	2 220	64,3

More information on energy calculation: www.safe-lab.com

For the welfare of animals SAFE® bedding and environmental enrichment such as SAFE® block gnawing logs and SAFE® nesting materials should be available in the cage.

Analysis End Product

TOTAL PER KG

AMINO ACIDS

Arginine	12 700 mg	Methionine	4 400 mg
Cystine	3 300 mg	Tryptophan	2 200 mg
Lysine	11 800 mg	Glycine	11 700 mg

FATTY ACIDS

Palmitic acid	8 000 mg
Stearic acid	1 500 mg
Palmitoleic acid	300 mg
Oleic acid	9 000 mg
LA	22 000 mg
ALA	2 800 mg

MINERALS

Calcium	7 500 mg
Phosphorus	5 300 mg
Sodium	2 600 mg
Potassium	6 800 mg
Magnesium	1 330 mg
Manganese	60,0 mg
Iron	270 mg
Copper	17,0 mg
Zinc	60,0 mg
Chlorine	4 200 mg

VITAMINS

Vitamin A	22 000 IU
Vitamin D3	2 000 IU
Vitamin E	100 IU
Vitamin K3	4,5 mg
Vitamin B1	7,5 mg
Vitamin B2	10,0 mg
Vitamin B3	80,0 mg
Vitamin B5	30,0 mg
Vitamin B6	5,6 mg
Vitamin B9	0,75 mg
Vitamin B12	0,020 mg
Biotin	0,15 mg
Choline	2 100 mg

The values of the end products are given as indication only and have no contractual value. They are calculated averages of product analysis results before irradiation and autoclaving. Depending on production conditions, storage and analytical methods variations may occur. An analysis is performed on request.

Produced in France