

SAFE® 199

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.

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 from the SAFE® portfolio.

DIET	STANDARD PACKAGING	USUALLY AVAILABLE WITH IRRADIATION DOSE
SAFE® 199	1 x 10 kg Paper bag	
SAFE® R199*	2 x 5 kg Paper bag, double vacuum packed and boxed	Min. 25 kGy



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Picture indicative only

Irradiation

Possible doses: Minimum 10, 25 or 40 kilograys.

Product Form

PELLETS	Mean
Diameter	12.6 mm
Crushing resistance	16 kgf/cm ²
Abrasion resistance	97.5 %
Specific mass	660 g/l
Average pellet weight	2.7 g
Average pellet length	20 mm

Also available powdered on demand.

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PRODUCT DATA SHEET

Release date: August 2020

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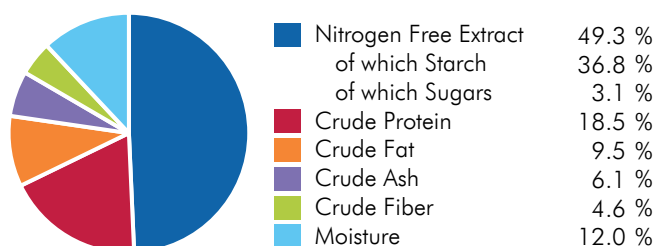
Ingredients

Wheat, barley, extruded soybeans, sunflower seed, maize, fish meal, pre-mixture of vitamins and minerals, calcium carbonate, inactivated brewer's yeast, dicalcium phosphate, sodium chloride, choline.

CENTESIMAL COMPOSITION

Cereals	61.4 %
Animal Proteins	4.0 %
Vegetal Proteins	29.5 %
Vitamins & Minerals	5.1 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	14.3	3 424	
ME Atwater	14.9	3 567	
Energy from proteins	3.1	740	20.7
Energy from lipids	3.6	855	24.0
Energy from NFE	8.3	1 972	55.3

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

Analysis End Product

TOTAL PER KG

AMINO ACIDS

Arginine	11 000 mg	Méthionine	5 100 mg
Cystine	3 300 mg	Tryptophane	2 000 mg
Lysine	9 500 mg	Glycine	8 500 mg

FATTY ACIDS

Palmitic acid	9 800 mg
Stearic acid	3 100 mg
Palmitoleic acid	350 mg
Oleic acid	17 800 mg
LA	47 700 mg
ALA	6 400 mg

MINERALS

	END PRODUCT
Calcium	10 000 mg
Phosphorus	6 000 mg
Sodium	2 500 mg
Potassium	7 000 mg
Magnesium	2 000 mg
Manganese	110 mg
Iron	250 mg
Copper	15 mg
Zinc	110 mg
Chlorine	5 000 mg

VITAMINS

	END PRODUCT
Vitamin A	28 595 IU
Vitamin D3	1 805 IU
Vitamin E	133 IU
Vitamin K3	6.7 mg
Vitamin B1	62 mg
Vitamin B2	21 mg
Vitamin B3	124 mg
Vitamin B5	59 mg
Vitamin B6	27 mg
Vitamin B9	7.1 mg
Vitamin B12	0.067 mg
Biotin	0.69 mg
Choline	2 470 mg
Vitamin C	48 mg

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.

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