Scientific Diets

SAFE DIETS

PRODUCT DATA SHEET
Release date: August 2020

SAFE® R03T-25 4,5mm

Definition

Irradiated complete breeding diet for transgenic rats, mice and hamsters.

Product Purpose

Diet for growing and breeding, pregnant and nursing animals.
To be used within the context of experimental protocols.
Does not contain alfalfa and its byproducts.

SAFE® R03T-25 4,5mm — Picture indicative only

Directions for Use

DISTRIBUTION

Period

From birth onwards. A transition period to SAFE maintenance diet during weaning is recommended.

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

Irradiation

Minimum 25 kilograys.

Product Form

PELLETS	Mean
Diameter	4.6 mm
Crushing resistance	11.4 kgf/cm²
Abrasion resistance	99.4 %
Specific mass	687 g/l
Average pellet weight	0.2 g
Average pellet length	12.1 mm

Also available powdered on demand.

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® R03T-25 (4,5mm)	1 x 10 kg	Paper bag, vacuum packed and boxed	Min. 25 kGy

Produced in France

SAFE COMPLETE CARE COMPETENCE

WORLDWIDE HEADQUARTERS
73494 Rosenberg (Germany)
service@safe-lab.com

DIETS PRODUCTION SITE
89290 Augy (France)
info@safe-lab.com

www.safe-lab.com

SAFE® R03T-25 4,5mm

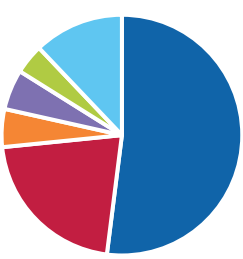
Ingredients

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

CENTESIMAL COMPOSITION

Cereals	69.2 %
Animal Proteins	6.0 %
Vegetal Proteins	20.2 %
Vitamins & Minerals	4.6 %

NUTRITIONAL COMPOSITION



Nitrogen Free Extract	52.0 %
of which Starch	33.5 %
of which Sugars	4.4 %
Crude Protein	21.4 %
Crude Fat	5.1 %
Crude Ash	5.4 %
Crude Fiber	4.0 %
Moisture	12.1 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	13.6	3 237	
ME Atwater	14.2	3 395	
Energy from proteins	3.6	856	25.2
Energy from lipids	1.9	459	13.5
Energy from NFE	8.7	2 080	61.3

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	14 000 mg	Méthionine	8 800 mg
Cystine	3 200 mg	Tryptophane	2 600 mg
Lysine	11 500 mg	Glycine	12 000 mg

FATTY ACIDS

Palmitic acid	7 600 mg
Stearic acid	1 500 mg
Palmitoleic acid	500 mg
Oleic acid	10 000 mg
LA	25 000 mg
ALA	2 800 mg

MINERALS

	END PRODUCT
Calcium	8 200 mg
Phosphorus	5 900 mg
Sodium	2 800 mg
Potassium	8 600 mg
Magnesium	2 000 mg
Manganese	90 mg
Iron	280 mg
Copper	18 mg
Zinc	64 mg
Chlorine	4 100 mg

VITAMINS

	END PRODUCT
Vitamin A	14 000 IU
Vitamin D3	2 000 IU
Vitamin E	50 IU
Vitamin K3	5.7 mg
Vitamin B1	8.0 mg
Vitamin B2	13 mg
Vitamin B3	90 mg
Vitamin B5	15 mg
Vitamin B6	3.5 mg
Vitamin B9	0.50 mg
Vitamin B12	0.020 mg
Biotin	0.10 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.

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