

SAFE® U8954 Version 204

Definition

251HF
Fats and sugars controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.



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Picture indicative only

Directions for Use

DISTRIBUTION

Period

According to the experimental protocol. A transition period to SAFE custom diet during weaning is recommended.

Method

- Ad libitum or rationed according to experimental protocols.
- Remove from the packaging and place directly in the cage dieting dish or on the cage floor.
- Replace preferably 3 times a week.

DAILY CONSUMPTION

Varies depending on species, strain, weight and age. Rats 18 to 25 g, mice 3 to 6 g, hamsters 8 to 12 g.

STORAGE

Store in a clean, and dry place, at 4°C, protected from light.

SHELF-LIFE from the date of production

Bucket or Bag: 6 months

Irradiation

Possible doses: Minimum 10, 25 or 40 kilograys.
This Custom Diet is Not Autoclavable.

Product Form

PELLETS	Mean
Diameter	10-12 mm
Crushing resistance	< 5 kgf/cm ²
Abrasion resistance	- %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are 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® U8954 v. 204*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8954 v. 204*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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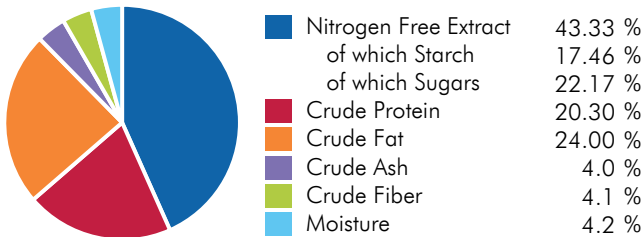
Ingredients

Casein, lard, sucrose, maltodextrin, pregelatinized cornstarch, crude cellulose, pre-mixture of minerals PM AIN 93M_G 3,5%, soybean oil, pre-mixture of vitamins PV AIN 93M_G 1%, dicalcium phosphate, potassium citrate, L-cystine, choline bitartrate.

CENTESIMAL COMPOSITION

Animal Proteins	23.3 %	Oils & Fats	23.7 %
Vitamins & Minerals	6.9 %		
Forages & Fibers	5.8 %		
Amino Acids	0.35 %		
Carbon Hydrates	39.92 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	19.2	4594.1	
ME Atwater	19.7	4705.5	
Energy from proteins	3.4	812.0	17.3
Energy from lipids	9.0	2160.3	45.9
Energy from NFE	7.3	1733.2	36.8

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	7 922 mg	Methionine	6 291 mg
Cystine	4 246 mg	Tryptophan	2 447 mg
Lysine	17 273 mg	Glycine	3 961 mg

FATTY ACIDS

Palmitic acid	53 067 mg	Sum SFA	84 609 mg
Stearic acid	28 419 mg	Sum UFA	139 255 mg
Palmitoleic acid	6 292 mg	Sum MUFA	96 121 mg
Oleic acid	88 794 mg	Sum PUFA	43 134 mg
LA	35 225 mg	Cholesterol	176 mg
ALA	4 390 mg		
Sum n-3	4 390 mg		
Sum n-6	38 744 mg		

MINERALS

	END PRODUCT
Calcium	7 319 mg
Phosphorus	4 470 mg
Sodium	1 131 mg
Potassium	7 578 mg
Magnesium	642 mg
Manganese	12 mg
Iron	61 mg
Copper	6.5 mg
Zinc	45 mg
Chlorine	1 426 mg

VITAMINS

	END PRODUCT
Vitamin A	5 330 IU
Vitamin D3	1 500 IU
Vitamin E	104 IU
Vitamin K3	7.4 mg
Vitamin B1	7.2 mg
Vitamin B2	6.9 mg
Vitamin B3	41 mg
Vitamin B5	19 mg
Vitamin B6	8.4 mg
Vitamin B9	2.4 mg
Vitamin B12	0.030 mg
Biotin	0.24 mg
Choline	948 mg

SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	21 %		

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 theoretical calculated values of the diet formula without considering values from customer's compounds. Depending on production conditions, storage and analytical methods variations may occur. An analysis is performed on request.

Produced in France