

SAFE® U8956 Version 1

Definition

231 HF
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	Powder Or Paste
Crushing resistance	- kgf/cm ²
Abrasion resistance	- %
Specific mass	~ 800 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® U8956 v. 1*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8956 v. 1*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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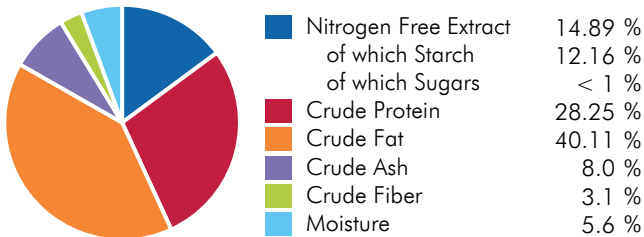
Ingredients

Lard, casein, pre-mixture of minerals PM 205B, pregelatinized cornstarch, corn oil, crude cellulose, pre-mixture of vitamins PV 200 1%, DLmethionine.

CENTESIMAL COMPOSITION

Animal Proteins	31.7 %	Oils & Fats	39.7 %
Vitamins & Minerals	12.79 %		
Forages & Fibers	4.4 %		
Amino Acids	0.80 %		
Carbon Hydrates	10.66 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	21.9	5242.3	
ME Atwater	22.3	5335.2	
Energy from proteins	4.7	1130.0	21.2
Energy from lipids	15.1	3609.7	67.7
Energy from NFE	2.5	595.5	11.2

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	11 032 mg	Methionine	16 684 mg
Cystine	1 180 mg	Tryptophan	3 393 mg
Lysine	23 869 mg	Glycine	5 460 mg

FATTY ACIDS

Palmitic acid	86 041 mg	Sum SFA	135 137 mg
Stearic acid	44 078 mg	Sum UFA	240 735 mg
Palmitoleic acid	9 978 mg	Sum MUFA	160 461 mg
Oleic acid	148 863 mg	Sum PUFA	80 274 mg
LA	70 809 mg	Cholesterol	277 mg
ALA	3 957 mg		
Sum n-3	3 957 mg		
Sum n-6	76 317 mg		

MINERALS

	END PRODUCT
Calcium	12 824 mg
Phosphorus	9 909 mg
Sodium	4 655 mg
Potassium	6 197 mg
Magnesium	2 047 mg
Manganese	896 mg
Iron	179 mg
Copper	145 mg
Zinc	524 mg
Chlorine	12 975 mg

VITAMINS

	END PRODUCT
Vitamin A	27 144 IU
Vitamin D3	3 354 IU
Vitamin E	278 IU
Vitamin K3	24 mg
Vitamin B1	27 mg
Vitamin B2	21 mg
Vitamin B3	152 mg
Vitamin B5	9.5 mg
Vitamin B6	13 mg
Vitamin B9	6.8 mg
Vitamin B12	0.067 mg
Biotin	0.40 mg
Choline	1 358 mg
Vitamin C	< 10 mg

SUGARS

Sucrose	< 0.5 %
Lactose	< 0.5 %

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