

SAFE® U8955 Version 2

Definition

235HF
Fats and sugars controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

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

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® U8955 v. 2*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8955 v. 2*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy



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Picture indicative only

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.

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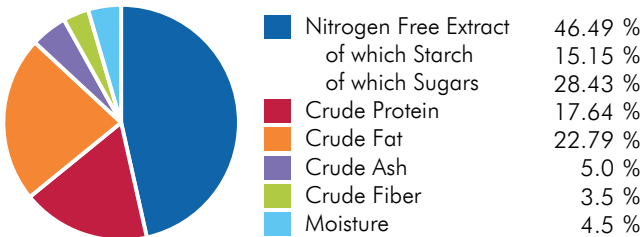
Ingredients

Sucrose, casein, lard, pregelatinized cornstarch, pre-mixture of minerals PM 205B, crude cellulose, soybean oil, maltodextrin, pre-mixture of vitamins PV 200 1%.

CENTESIMAL COMPOSITION

Animal Proteins	20 %
Vitamins & Minerals	8.0 %
Forages & Fibers	5.0 %
Carbon Hydrates	44.5 %
Oils & Fats	22.5 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	18.9	4510.8	
ME Atwater	19.3	4616.4	
Energy from proteins	3.0	705.4	15.3
Energy from lipids	8.6	2051.3	44.4
Energy from NFE	7.8	1859.6	40.3

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.

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	6 974 mg	Methionine	5 516 mg
Cystine	745 mg	Tryptophan	2 145 mg
Lysine	15 117 mg	Glycine	3 453 mg

FATTY ACIDS

Palmitic acid	50 850 mg	Sum SFA	81 160 mg
Stearic acid	27 313 mg	Sum UFA	131 369 mg
Palmitoleic acid	6 059 mg	Sum MUFA	92 109 mg
Oleic acid	85 050 mg	Sum PUFA	39 260 mg
LA	31 925 mg	Cholesterol	170 mg
ALA	3 935 mg		
Sum n-3	3 935 mg		
Sum n-6	35 325 mg		

MINERALS

	END PRODUCT
Calcium	7 869 mg
Phosphorus	6 093 mg
Sodium	2 912 mg
Potassium	3 799 mg
Magnesium	1 253 mg
Manganese	548 mg
Iron	110 mg
Copper	89 mg
Zinc	321 mg
Chlorine	7 999 mg

VITAMINS

	END PRODUCT
Vitamin A	20 442 IU
Vitamin D3	2 500 IU
Vitamin E	187 IU
Vitamin K3	18 mg
Vitamin B1	20 mg
Vitamin B2	15 mg
Vitamin B3	113 mg
Vitamin B5	7.1 mg
Vitamin B6	10 mg
Vitamin B9	5.0 mg
Vitamin B12	0.050 mg
Biotin	0.30 mg
Choline	1 013 mg
Vitamin C	< 10 mg

SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	28 %		

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