

SAFE[®] U8955 Version 19

Definition

246HF
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. 19*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE [®] U8955 v. 19*	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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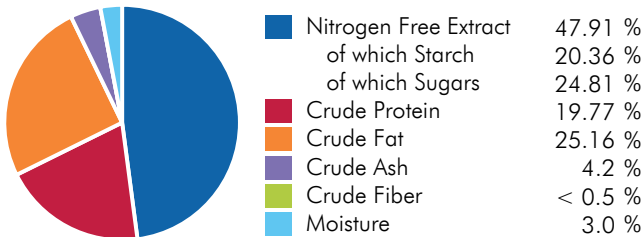
Ingredients

Maltodextrin, casein, AMF butter, sucrose, pre-mixture of minerals PM AIN 93M_G 3,5%, soybean oil, pre-mixture of vitamins PV AIN 93M_G 1%, sodium bicarbonate, potassium citrate, DLmethionine, choline bitartrate, BHT Butylhydroxytoluene.

CENTESIMAL COMPOSITION

Animal Proteins	22.8 %	Others	0.002 %
Vitamins & Minerals	7.5 %		
Amino Acids	0.20 %		
Carbon Hydrates	44.5 %		
Oils & Fats	25 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	20.8	4972.8	
ME Atwater	20.8	4971.6	
Energy from proteins	3.3	790.9	15.9
Energy from lipids	9.5	2264.2	45.5
Energy from NFE	8.0	1916.5	38.5

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	7 818 mg	Methionine	8 196 mg
Cystine	811 mg	Tryptophan	2 418 mg
Lysine	17 015 mg	Glycine	3 921 mg

FATTY ACIDS

Palmitic acid	75 393 mg	EPA	61 mg
Stearic acid	25 350 mg	DPA	99 mg
Palmitoleic acid	2 796 mg	Sum SFA	158 481 mg
Oleic acid	44 612 mg	Sum UFA	69 783 mg
LA	15 700 mg	Sum MUFA	49 451 mg
ALA	2 663 mg	Sum PUFA	20 332 mg
Sum n-3	2 823 mg	Cholesterol	587 mg
Sum n-6	16 931 mg		

MINERALS

	END PRODUCT
Calcium	6 445 mg
Phosphorus	3 346 mg
Sodium	4 237 mg
Potassium	6 360 mg
Magnesium	838 mg
Manganese	15 mg
Iron	68 mg
Copper	8.1 mg
Zinc	55 mg
Chlorine	1 904 mg

VITAMINS

	END PRODUCT
Vitamin A	5 646 IU
Vitamin D3	1 625 IU
Vitamin E	115 IU
Vitamin K3	8.0 mg
Vitamin B1	7.8 mg
Vitamin B2	7.5 mg
Vitamin B3	45 mg
Vitamin B5	21 mg
Vitamin B6	9.1 mg
Vitamin B9	2.6 mg
Vitamin B12	0.033 mg
Biotin	0.26 mg
Choline	825 mg
Vitamin C	< 10 mg

SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	22 %		

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