

# SAFE<sup>®</sup> U8954 Version 27

## Definition

HFHS 30% lard 37% sucrose  
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 <sup>2</sup>
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<sup>®</sup> diets are available with different packaging, irradiation and with analytical data on demand.

Selected solutions of the most sold items from the SAFE<sup>®</sup> portfolio.

DIET	STANDARD PACKAGING		USUALLY AVAILABLE WITH IRRADIATION DOSE
SAFE <sup>®</sup> U8954 v. 27*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE <sup>®</sup> U8954 v. 27*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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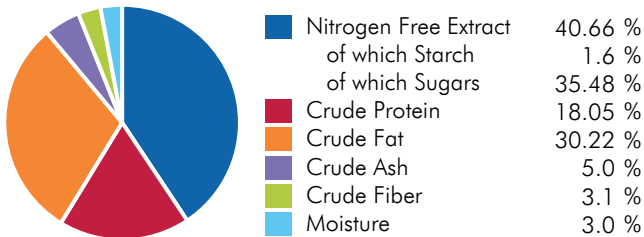
### Ingredients

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

### CENTESIMAL COMPOSITION

Animal Proteins	20.6 %
Vitamins & Minerals	8.0 %
Forages & Fibers	4.4 %
Carbon Hydrates	37 %
Oils & Fats	30 %

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	20.5	4893.5	
ME Atwater	21.2	5068.5	
Energy from proteins	3.0	722.1	14.2
Energy from lipids	11.4	2719.9	53.7
Energy from NFE	6.8	1626.5	32.1

More information on energy calculation: [www.safe-lab.com](http://www.safe-lab.com)

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	7 178 mg	Methionine	5 678 mg
Cystine	766 mg	Tryptophan	2 208 mg
Lysine	15 513 mg	Glycine	3 555 mg

#### FATTY ACIDS

Palmitic acid	72 300 mg	Sum SFA	116 208 mg
Stearic acid	39 600 mg	Sum UFA	167 166 mg
Palmitoleic acid	8 901 mg	Sum MUFA	131 001 mg
Oleic acid	120 600 mg	Sum PUFA	36 165 mg
LA	28 050 mg	Cholesterol	255 mg
ALA	3 015 mg		
Sum n-3	3 015 mg		
Sum n-6	33 150 mg		

#### MINERALS

	END PRODUCT
Calcium	7 859 mg
Phosphorus	6 085 mg
Sodium	2 783 mg
Potassium	3 791 mg
Magnesium	1 252 mg
Manganese	548 mg
Iron	109 mg
Copper	89 mg
Zinc	321 mg
Chlorine	8 004 mg

#### VITAMINS

	END PRODUCT
Vitamin A	20 000 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

Sucrose	35 %
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