

# SAFE® U8958 Version 176

## Definition

Iron DEFICIENT  
Minerals controlled custom diet for Rats & Mice

## Product Purpose

To be used within the context of experimental protocols.



SAFE® U8958 Version 176

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.

### 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 <sup>2</sup>
Abrasion resistance	> 90 %
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® U8958 v. 176*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8958 v. 176*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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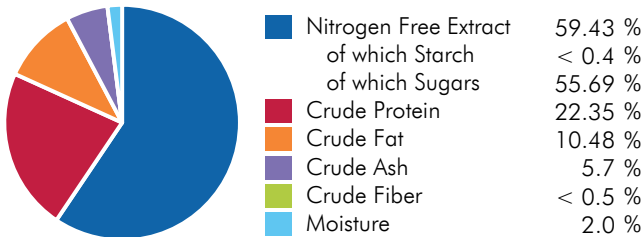
### Ingredients

Skimmed milk powder, sucrose, lard, pre-mixture of vitamins and minerals PMV without IRON, peanut oil.

### CENTESIMAL COMPOSITION

Animal Proteins	62.63 %
Vitamins & Minerals	3.5 %
Carbon Hydrates	23.97 %
Oils & Fats	9.9 %

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	18.2	4345.2	
ME Atwater	17.6	4214.7	
Energy from proteins	3.7	894.2	21.2
Energy from lipids	3.9	943.4	22.4
Energy from NFE	10.0	2377.2	56.4

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

### Theoretical Calculated Values

TOTAL PER KG

#### AMINO ACIDS

Arginine	8 342 mg	Methionine	5 605 mg
Cystine	2 020 mg	Tryptophan	3 194 mg
Lysine	17 727 mg	Glycine	5 018 mg

#### FATTY ACIDS

Palmitic acid	20 529 mg	Sum SFA	33 225 mg
Stearic acid	10 269 mg	Sum UFA	63 866 mg
Palmitoleic acid	2 147 mg	Sum MUFA	47 575 mg
Oleic acid	45 098 mg	Sum PUFA	16 291 mg
LA	14 406 mg	Cholesterol	73 mg
ALA	763 mg		
Sum n-3	763 mg		
Sum n-6	15 528 mg		

#### MINERALS

	END PRODUCT
Calcium	8 409 mg
Phosphorus	6 648 mg
Sodium	6 012 mg
Potassium	10 304 mg
Magnesium	717 mg
Manganese	129 mg
Iron	< 5 mg
Copper	20 mg
Zinc	23 mg
Chlorine	3 631 mg

#### VITAMINS

	END PRODUCT
Vitamin A	8 155 IU
Vitamin D3	2 544 IU
Vitamin E	311 IU
Vitamin K3	1.1 mg
Vitamin B1	12 mg
Vitamin B2	19 mg
Vitamin B3	11 mg
Vitamin B5	35 mg
Vitamin B6	6.8 mg
Vitamin B9	1.2 mg
Vitamin B12	0.029 mg
Biotin	10 mg
Choline	1 783 mg
Vitamin C	13 mg

#### SUGARS

Sucrose	23 %
Lactose	33 %

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