

# SAFE® U8959 Version 142

## Definition

HYPERPROTEIC 51%  
Proteins controlled custom diet for Rats & Mice

## Product Purpose

To be used within the context of experimental protocols.



SAFE® U8959 Version 142

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	> 80 %
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® U8959 v. 142*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8959 v. 142*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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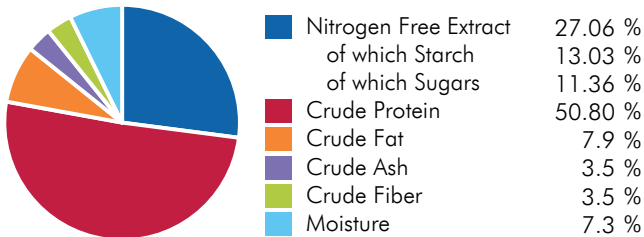
### Ingredients

Casein, maltodextrin, sucrose, soybean oil, pregelatinized cornstarch, crude cellulose, pre-mixture of minerals PM AIN 93M\_G 3,5%, pre-mixture of vitamins PV AIN 93M\_G 1%, L-cystine, choline bitartrate.

### CENTESIMAL COMPOSITION

Animal Proteins	59 %	Oils & Fats	7.0 %
Vitamins & Minerals	4.8 %		
Forages & Fibers	5.0 %		
Amino Acids	0.30 %		
Carbon Hydrates	23.95 %		

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	18.0	4290.8	
ME Atwater	16.0	3826.4	
Energy from proteins	8.5	2031.9	53.1
Energy from lipids	3.0	712.2	18.6
Energy from NFE	4.5	1082.3	28.3

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

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	20 060 mg	Methionine	15 930 mg
Cystine	5 005 mg	Tryptophan	6 195 mg
Lysine	43 682 mg	Glycine	10 030 mg

#### FATTY ACIDS

Palmitic acid	7 420 mg	Sum SFA	10 325 mg
Stearic acid	2 555 mg	Sum UFA	55 790 mg
Palmitoleic acid	350 mg	Sum MUFA	13 370 mg
Oleic acid	13 020 mg	Sum PUFA	42 420 mg
LA	37 030 mg	Cholesterol	1.1 mg
ALA	5 390 mg		
Sum n-3	5 390 mg		
Sum n-6	37 030 mg		

#### MINERALS

	END PRODUCT
Calcium	5 144 mg
Phosphorus	3 791 mg
Sodium	1 139 mg
Potassium	3 702 mg
Magnesium	657 mg
Manganese	14 mg
Iron	56 mg
Copper	8.3 mg
Zinc	61 mg
Chlorine	1 416 mg

#### VITAMINS

	END PRODUCT
Vitamin A	5 237 IU
Vitamin D3	1 250 IU
Vitamin E	96 IU
Vitamin K3	6.1 mg
Vitamin B1	6.0 mg
Vitamin B2	5.8 mg
Vitamin B3	34 mg
Vitamin B5	16 mg
Vitamin B6	7.0 mg
Vitamin B9	2.1 mg
Vitamin B12	0.025 mg
Biotin	0.20 mg
Choline	1 031 mg

#### SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	10 %		

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