

# SAFE® U8978 Version 55

## Definition

AIN 93M  
Custom made diet for Rats & Mice

## Product Purpose

To be used within the context of experimental protocols.



SAFE® U8978 Version 55

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® U8978 v. 55*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8978 v. 55*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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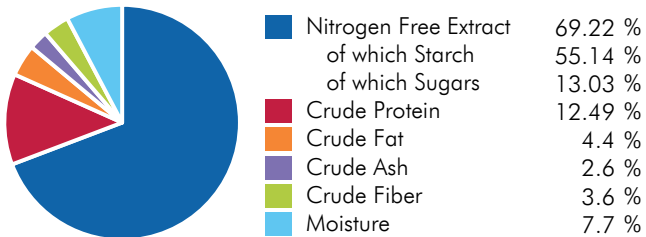
### Ingredients

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

### CENTESIMAL COMPOSITION

Animal Proteins	14 %	Oils & Fats	4.0 %
Vitamins & Minerals	4.8 %		
Forages & Fibers	5.0 %		
Amino Acids	0.18 %		
Carbon Hydrates	72.07 %		

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	15.5	3707.0	
ME Atwater	15.3	3660.6	
Energy from proteins	2.1	499.4	13.6
Energy from lipids	1.6	392.3	10.7
Energy from NFE	11.6	2768.9	75.6

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

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	4 760 mg	Methionine	3 780 mg
Cystine	2 254 mg	Tryptophan	1 470 mg
Lysine	10 532 mg	Glycine	2 380 mg

#### FATTY ACIDS

Palmitic acid	4 240 mg	Sum SFA	5 900 mg
Stearic acid	1 460 mg	Sum UFA	31 880 mg
Palmitoleic acid	200 mg	Sum MUFA	7 640 mg
Oleic acid	7 440 mg	Sum PUFA	24 240 mg
LA	21 160 mg	Cholesterol	< 1 mg
ALA	3 080 mg		
Sum n-3	3 080 mg		
Sum n-6	21 160 mg		

#### MINERALS

	END PRODUCT
Calcium	4 960 mg
Phosphorus	2 511 mg
Sodium	1 500 mg
Potassium	3 692 mg
Magnesium	641 mg
Manganese	11 mg
Iron	55 mg
Copper	6.0 mg
Zinc	41 mg
Chlorine	1 416 mg

#### VITAMINS

	END PRODUCT
Vitamin A	4 707 IU
Vitamin D3	1 250 IU
Vitamin E	83 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	2.0 mg
Vitamin B12	0.025 mg
Biotin	0.20 mg
Choline	1 031 mg

#### SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	11 %		

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