

SAFE[®] U8959 Version 1

Definition

210 Control
Sugar 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.

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 [®] U8959 v. 1*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE [®] U8959 v. 1*	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	> 80 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

SAFE® U8959 Version 1

PRODUCT DATA SHEET
Release date: November 2020

Page 2/2

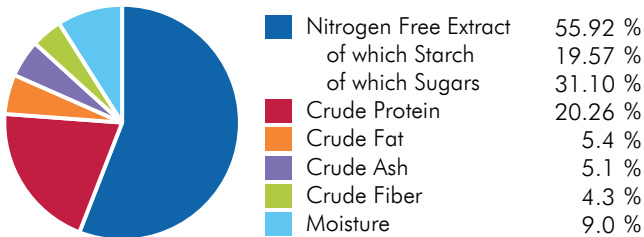
Ingredients

Dextrose, casein, pregelatinized cornstarch, pre-mixture of minerals PM 205B, crude cellulose, lard, colza oil, corn oil, pre-mixture of vitamins PV 200 1%.

CENTESIMAL COMPOSITION

Animal Proteins	23 %
Vitamins & Minerals	8.0 %
Forages & Fibers	6.0 %
Carbon Hydrates	58 %
Oils & Fats	5.0 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	14.8	3546.8	
ME Atwater	14.8	3536.9	
Energy from proteins	3.4	810.4	22.9
Energy from lipids	2.1	489.8	13.8
Energy from NFE	9.4	2236.6	63.2

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	7 994 mg	Methionine	6 326 mg
Cystine	850 mg	Tryptophan	2 460 mg
Lysine	17 363 mg	Glycine	3 963 mg

FATTY ACIDS

Palmitic acid	8 744 mg	Sum SFA	13 528 mg
Stearic acid	4 299 mg	Sum UFA	33 037 mg
Palmitoleic acid	940 mg	Sum MUFA	21 140 mg
Oleic acid	20 050 mg	Sum PUFA	11 897 mg
LA	10 165 mg	Cholesterol	26 mg
ALA	1 222 mg		
Sum n-3	1 222 mg		
Sum n-6	10 675 mg		

MINERALS

	END PRODUCT
Calcium	7 890 mg
Phosphorus	6 192 mg
Sodium	2 982 mg
Potassium	3 800 mg
Magnesium	1 255 mg
Manganese	548 mg
Iron	110 mg
Copper	89 mg
Zinc	322 mg
Chlorine	7 987 mg

VITAMINS

	END PRODUCT
Vitamin A	20 222 IU
Vitamin D3	2 500 IU
Vitamin E	189 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

Glucose	31 %	Lactose	< 0.5 %
Sucrose	< 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