

SAFE® R8958 Version 185

Definition

IODINE DEFICIENT
Minerals 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.

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 ²
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® R8958 v. 185*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® R8958 v. 185*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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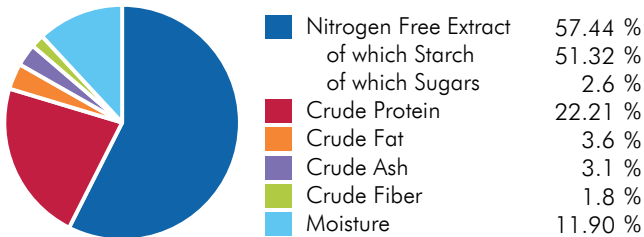
Ingredients

Maize, wheat gluten, sodium chloride, pre-mixture of vitamins PV 200
1% Choline C. without Iode, calcium carbonate, L-lysine.

CENTESIMAL COMPOSITION

Cereals	77.3 %
Vegetal Proteins	19.55 %
Vitamins & Minerals	3.0 %
Amino Acids	0.15 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	15.4	3677.7	
ME Atwater	14.7	3507.6	
Energy from proteins	3.7	888.5	25.3
Energy from lipids	1.3	321.4	9.2
Energy from NFE	9.6	2297.7	65.5

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	8 226 mg	Methionine	3 693 mg
Cystine	4 690 mg	Tryptophan	1 857 mg
Lysine	5 827 mg	Glycine	7 484 mg

FATTY ACIDS

Palmitic acid	2 733 mg	Sum SFA	3 771 mg
Stearic acid	468 mg	Sum UFA	20 847 mg
Palmitoleic acid	78 mg	Sum MUFA	6 715 mg
Oleic acid	6 637 mg	Sum PUFA	14 133 mg
LA	13 898 mg		
ALA	234 mg		
Sum n-3	234 mg		
Sum n-6	13 898 mg		

MINERALS

	END PRODUCT
Calcium	4 594 mg
Phosphorus	2 539 mg
Sodium	4 051 mg
Potassium	2 694 mg
Magnesium	830 mg
Manganese	6.2 mg
Iron	35 mg
Copper	1.9 mg
Zinc	16 mg
Chlorine	6 426 mg

VITAMINS

	END PRODUCT
Vitamin A	21 811 IU
Vitamin D3	2 500 IU
Vitamin E	195 IU
Vitamin K3	18 mg
Vitamin B1	23 mg
Vitamin B2	16 mg
Vitamin B3	129 mg
Vitamin B5	12 mg
Vitamin B6	14 mg
Vitamin B9	5.2 mg
Vitamin B12	0.050 mg
Biotin	0.34 mg
Choline	1 419 mg
Vitamin C	< 10 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	0.94 %		

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