

SAFE® U8959 Version 88

Definition

SELENIUM Vit.E DEFICIENT
 Custom diet inducing phenotype 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® U8959 v. 88*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8959 v. 88*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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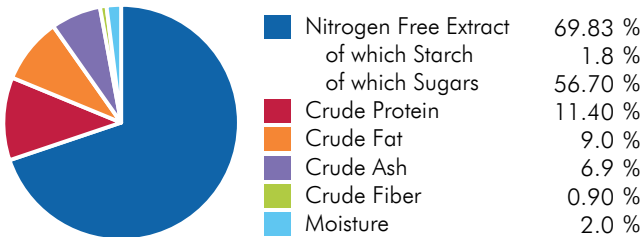
Ingredients

Sucrose, inactivated brewer's yeast, hydrogenated copra, pre-mixture of vitamins and minerals PMV AIN93 3,5% without Selenium - Vit.E, calcium carbonate, choline bitartrate.

CENTESIMAL COMPOSITION

Vegetal Proteins	30 %
Vitamins & Minerals	6.2 %
Carbon Hydrates	55.78 %
Oils & Fats	8.0 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	16.2	3866.0	
ME Atwater	17.0	4060.0	
Energy from proteins	1.9	456.0	11.2
Energy from lipids	3.4	810.9	20.0
Energy from NFE	11.7	2793.1	68.8

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	5 016 mg	Methionine	1 710 mg
Cystine	684 mg	Tryptophan	1 140 mg
Lysine	6 954 mg	Glycine	4 770 mg

FATTY ACIDS

Palmitic acid	7 984 mg	Sum MUFA	5 288 mg
Stearic acid	7 600 mg	Sum PUFA	38 mg
Palmitoleic acid	< 10 mg	Cholesterol	< 1 mg
Oleic acid	5 280 mg		
LA	38 mg		
Sum n-6	38 mg		
Sum SFA	78 144 mg		
Sum UFA	5 326 mg		

MINERALS

	END PRODUCT
Calcium	15 830 mg
Phosphorus	6 203 mg
Sodium	1 565 mg
Potassium	8 746 mg
Magnesium	1 228 mg
Manganese	11 mg
Iron	52 mg
Copper	2.7 mg
Zinc	34 mg
Chlorine	2 472 mg

VITAMINS

	END PRODUCT
Vitamin A	4 025 IU
Vitamin D3	1 260 IU
Vitamin K3	6.2 mg
Vitamin B1	7.0 mg
Vitamin B2	6.7 mg
Vitamin B3	35 mg
Vitamin B5	16 mg
Vitamin B6	7.0 mg
Vitamin B9	2.1 mg
Vitamin B12	0.025 mg
Biotin	0.21 mg
Choline	825 mg

SUGARS

Sucrose	54 %
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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