

SAFE® U8958 Version 194

Definition

FOLIC ACID DEFICIENT
Vitamins 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	> 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® U8958 v. 194*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8958 v. 194*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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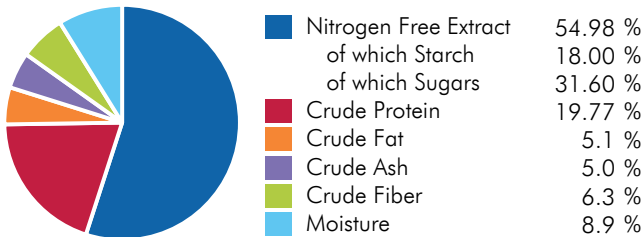
Ingredients

Dextrose, casein defatted, pregelatinized cornstarch, crude cellulose, dicalcium phosphate, soybean oil, corn oil, potassium chloride, sodium chloride, magnesium oxide, choline, manganese oxide, zinc sulfate, iron sulfate, copper sulfate, vitamin e, inositol, nicotinic acid, para-amino-acid ben, vitamin b12, vitamin k3 mnb, vitamin a, vitamin b1 thiamin, riboflavin, vitamin b6 pyridoxine, potassium iodide, vitamin b5, vitamin d3, biotin, vitamin c.

CENTESIMAL COMPOSITION

Animal Proteins	22 %
Vitamins & Minerals	5.1 %
Forages & Fibers	8.9 %
Carbon Hydrates	58.97 %
Oils & Fats	5.0 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	14.2	3398.2	
ME Atwater	14.4	3448.8	
Energy from proteins	3.3	790.9	22.9
Energy from lipids	1.9	458.5	13.3
Energy from NFE	9.2	2199.3	63.8

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	7 480 mg	Methionine	5 940 mg
Cystine	770 mg	Tryptophan	2 310 mg
Lysine	16 354 mg	Glycine	3 740 mg

FATTY ACIDS

Palmitic acid	5 375 mg	Sum SFA	6 986 mg
Stearic acid	1 361 mg	Sum UFA	40 540 mg
Palmitoleic acid	250 mg	Sum MUFA	11 275 mg
Oleic acid	11 025 mg	Sum PUFA	29 265 mg
LA	27 100 mg	Cholesterol	< 1 mg
ALA	2 165 mg		
Sum n-3	2 165 mg		
Sum n-6	27 100 mg		

MINERALS

	END PRODUCT
Calcium	7 154 mg
Phosphorus	5 526 mg
Sodium	2 983 mg
Potassium	3 701 mg
Magnesium	1 231 mg
Manganese	687 mg
Iron	136 mg
Copper	89 mg
Zinc	261 mg
Chlorine	7 620 mg

VITAMINS

	END PRODUCT
Vitamin A	20 548 IU
Vitamin D3	2 500 IU
Vitamin E	188 IU
Vitamin K3	17 mg
Vitamin B1	20 mg
Vitamin B2	14 mg
Vitamin B3	112 mg
Vitamin B5	6.9 mg
Vitamin B6	10 mg
Vitamin B12	0.050 mg
Biotin	0.99 mg
Choline	1 010 mg
Vitamin C	< 10 mg

SUGARS

Glucose	32 %
Lactose	< 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