

SAFE® R8220 Version 231

Definition

A04 Vit.K DEFICIENT Sans ORGE
Vitamins controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.



SAFE® R8220 Version 231

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® R8220 v. 231*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® R8220 v. 231*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

SAFE® R8220 Version 231

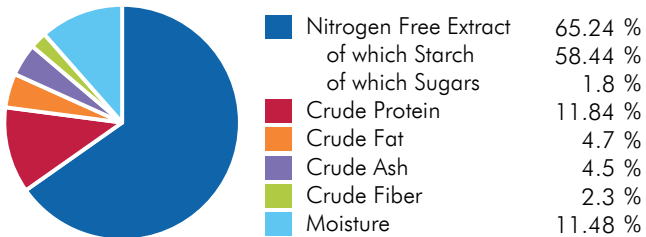
Ingredients

Pregelatinized cornstarch, wheat, maize, soybean meal, wheat bran, hydrolyzed fish proteins, peanut oil, dicalcium phosphate, calcium carbonate, pre-mixture of minerals, pre-mixture of vitamins PV A03_A04 0.7-1.4% without Vit.K3.

CENTESIMAL COMPOSITION

Cereals	45 %	Oils & Fats	3.0 %
Animal Proteins	4.0 %		
Vegetal Proteins	8.0 %		
Vitamins & Minerals	3.9 %		
Carbon Hydrates	36.1 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	14.6	3485.9	
ME Atwater	14.7	3504.1	
Energy from proteins	2.0	473.6	13.5
Energy from lipids	1.8	421.0	12.0
Energy from NFE	10.9	2609.5	74.5

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	7 368 mg	Methionine	2 658 mg
Cystine	1 966 mg	Tryptophan	1 249 mg
Lysine	6 508 mg	Glycine	7 035 mg

FATTY ACIDS

Palmitic acid	6 724 mg	EPA	121 mg
Stearic acid	1 131 mg	DHA	189 mg
Palmitoleic acid	162 mg	DPA	37 mg
Oleic acid	18 457 mg	Sum SFA	8 226 mg
LA	13 263 mg	Sum UFA	33 128 mg
ALA	518 mg	Sum MUFA	18 884 mg
Sum n-3	896 mg	Sum PUFA	14 244 mg
Sum n-6	13 336 mg	Cholesterol	< 1 mg

MINERALS

	END PRODUCT
Calcium	7 359 mg
Phosphorus	4 915 mg
Sodium	3 017 mg
Potassium	4 498 mg
Magnesium	1 129 mg
Manganese	52 mg
Iron	251 mg
Copper	19 mg
Zinc	47 mg
Chlorine	3 810 mg

VITAMINS

	END PRODUCT
Vitamin A	8 116 IU
Vitamin D3	1 190 IU
Vitamin E	34 IU
Vitamin B1	3.5 mg
Vitamin B2	7.0 mg
Vitamin B3	44 mg
Vitamin B5	13 mg
Vitamin B6	3.3 mg
Vitamin B9	0.27 mg
Vitamin B12	0.010 mg
Biotin	0.070 mg
Choline	849 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	0.87 %		

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