

SAFE[®] R8220 Version 147

Definition

0.75% ADENINE 1.1% CALCIUM 0.9% PHOSP
Supplemented custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.



SAFE[®] R8220 Version 147

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 [®] R8220 v. 147*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE [®] R8220 v. 147*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

SAFE® R8220 Version 147

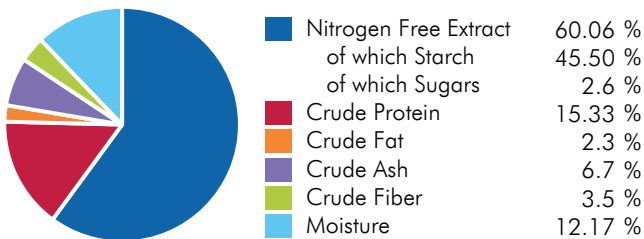
Ingredients

Barley, wheat, maize, soybean meal, wheat bran, hydrolyzed fish proteins, dicalcium phosphate, pre-mixture of minerals, adenine, pre-mixture of vitamins, calcium carbonate.

CENTESIMAL COMPOSITION

Cereals	81.65 %
Animal Proteins	4.0 %
Vegetal Proteins	8.0 %
Vitamins & Minerals	5.6 %
Others	0.75 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	12.9	3072.4	
ME Atwater	13.5	3218.9	
Energy from proteins	2.6	613.4	19.1
Energy from lipids	0.85	203.1	6.3
Energy from NFE	10.1	2402.4	74.6

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	9 145 mg	Methionine	3 289 mg
Cystine	2 818 mg	Tryptophan	1 729 mg
Lysine	7 777 mg	Glycine	8 501 mg

FATTY ACIDS

Palmitic acid	5 096 mg	EPA	121 mg
Stearic acid	340 mg	DHA	189 mg
Palmitoleic acid	236 mg	DPA	37 mg
Oleic acid	3 563 mg	Sum SFA	5 840 mg
LA	8 541 mg	Sum UFA	13 815 mg
ALA	746 mg	Sum MUFA	4 064 mg
Sum n-3	1 124 mg	Sum PUFA	9 751 mg
Sum n-6	8 615 mg		

MINERALS

	END PRODUCT
Calcium	10 974 mg
Phosphorus	9 778 mg
Sodium	2 688 mg
Potassium	6 244 mg
Magnesium	1 496 mg
Manganese	58 mg
Iron	319 mg
Copper	22 mg
Zinc	58 mg
Chlorine	4 216 mg

VITAMINS

	END PRODUCT
Vitamin A	8 860 IU
Vitamin D3	1 190 IU
Vitamin E	35 IU
Vitamin K3	16 mg
Vitamin B1	4.9 mg
Vitamin B2	7.1 mg
Vitamin B3	64 mg
Vitamin B5	15 mg
Vitamin B6	4.8 mg
Vitamin B9	0.40 mg
Vitamin B12	0.020 mg
Biotin	0.12 mg
Choline	1 219 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	1.2 %		

ADDED COMPOUNDS

Total Compounds	7 425 mg
-----------------	----------

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