

## SAFE® E8220 Version 87

### Definition

A04 80% + 20% CELLULOSE  
Fiber controlled custom diet for Rats & Mice

### Product Purpose

To be used within the context of experimental protocols.

### 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

### 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® E8220 v. 87*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 87*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy
SAFE® E8220 v. 87*	1 x 10 kg	Paper bag, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 87*	2 x 5 kg	Paper bag, Vacuum packed and boxed	Min. 25 kGy



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Picture indicative only

### 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 <sup>2</sup>
Abrasion resistance	> 80 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

## SAFE<sup>®</sup> E8220 Version 87

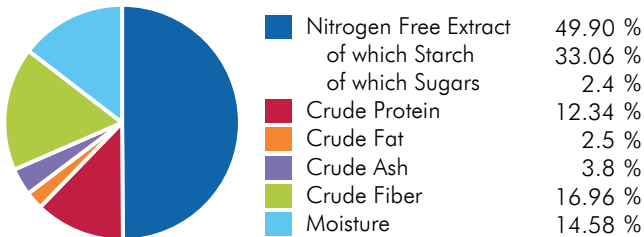
### Ingredients

SAFE A04 (Barley, wheat, maize, soybean meal, wheat bran, hydrolyzed fish proteins, dicalcium phosphate, pre-mixture of minerals, calcium carbonate, pre-mixture of vitamins.), crude cellulose, water.

### CENTESIMAL COMPOSITION

Cereals	63.92 %	Water	4.0 %
Animal Proteins	3.0 %		
Vegetal Proteins	6.1 %		
Vitamins & Minerals	3.0 %		
Forages & Fibers	20 %		

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	8.8	2111.2	
ME Atwater	11.4	2711.6	
Energy from proteins	2.1	493.7	18.2
Energy from lipids	0.93	221.9	8.2
Energy from NFE	8.4	1996.0	73.6

More information on energy calculation: [www.safe-lab.com](http://www.safe-lab.com)

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	6 840 mg	Methionine	2 128 mg
Cystine	1 900 mg	Tryptophan	1 444 mg
Lysine	5 472 mg	Glycine	6 156 mg

#### FATTY ACIDS

Palmitic acid	4 484 mg	Sum SFA	5 153 mg
Stearic acid	456 mg	Sum UFA	16 114 mg
Palmitoleic acid	114 mg	Sum MUFA	3 796 mg
Oleic acid	3 648 mg	Sum PUFA	12 318 mg
LA	11 400 mg		
ALA	912 mg		
Sum n-3	912 mg		
Sum n-6	11 406 mg		

#### MINERALS

	END PRODUCT
Calcium	5 558 mg
Phosphorus	4 180 mg
Sodium	1 903 mg
Potassium	4 560 mg
Magnesium	1 218 mg
Manganese	54 mg
Iron	211 mg
Copper	12 mg
Zinc	42 mg
Chlorine	3 040 mg

#### VITAMINS

	END PRODUCT
Vitamin A	5 700 IU
Vitamin D3	760 IU
Vitamin E	23 IU
Vitamin K3	1.9 mg
Vitamin B1	3.8 mg
Vitamin B2	4.9 mg
Vitamin B3	53 mg
Vitamin B5	7.6 mg
Vitamin B6	2.3 mg
Vitamin B9	0.27 mg
Vitamin B12	0.008 mg
Biotin	0.061 mg
Choline	1 216 mg

#### SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	0.96 %		

For the welfare of animals SAFE<sup>®</sup> bedding and environmental enrichment such as SAFE<sup>®</sup> block gnawing logs and SAFE<sup>®</sup> 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