

## SAFE® E8220 Version 34

### Definition

A04 Cholest. 1%  
Cholesterol 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. 34*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 34*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy
SAFE® E8220 v. 34*	1 x 10 kg	Paper bag, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 34*	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.

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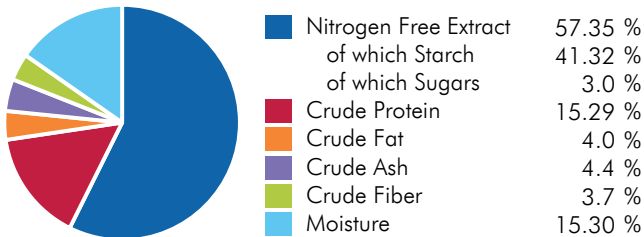
### Ingredients

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

### CENTESIMAL COMPOSITION

Cereals	79.89 %	Water	4.0 %
Animal Proteins	3.8 %		
Vegetal Proteins	7.6 %		
Vitamins & Minerals	3.7 %		
Oils & Fats	1.0 %		

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	12.9	3069.5	
ME Atwater	13.7	3261.5	
Energy from proteins	2.6	611.7	18.8
Energy from lipids	1.5	355.8	10.9
Energy from NFE	9.6	2294.0	70.3

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

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	8 549 mg	Methionine	2 660 mg
Cystine	2 375 mg	Tryptophan	1 805 mg
Lysine	6 839 mg	Glycine	7 694 mg

#### FATTY ACIDS

Palmitic acid	5 604 mg	Sum SFA	6 441 mg
Stearic acid	570 mg	Sum UFA	20 141 mg
Palmitoleic acid	142 mg	Sum MUFA	4 745 mg
Oleic acid	4 560 mg	Sum PUFA	15 396 mg
LA	14 249 mg	Cholesterol	9 595 mg
ALA	1 140 mg		
Sum n-3	1 140 mg		
Sum n-6	14 256 mg		

#### MINERALS

	END PRODUCT
Calcium	6 944 mg
Phosphorus	5 224 mg
Sodium	2 378 mg
Potassium	5 700 mg
Magnesium	1 522 mg
Manganese	66 mg
Iron	256 mg
Copper	15 mg
Zinc	52 mg
Chlorine	3 800 mg

#### VITAMINS

	END PRODUCT
Vitamin A	7 124 IU
Vitamin D3	950 IU
Vitamin E	28 IU
Vitamin K3	2.4 mg
Vitamin B1	4.7 mg
Vitamin B2	6.2 mg
Vitamin B3	66 mg
Vitamin B5	9.5 mg
Vitamin B6	2.8 mg
Vitamin B9	0.33 mg
Vitamin B12	0.009 mg
Biotin	0.076 mg
Choline	1 520 mg

#### SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	1.2 %		

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