

## SAFE® R8200 Version 174

### Definition

A03 Sans sel \_ SANS bicarbonate  
Custom diet inducing phenotype 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® R8200 v. 174*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® R8200 v. 174*	1kg	Bucket, 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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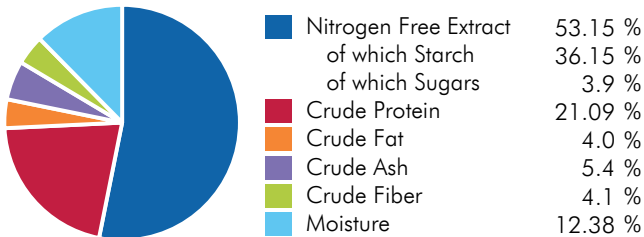
### Ingredients

Wheat, maize, wheat bran, barley, extruded soybeans, soybean meal, casein, inactivated brewer's yeast, calcium carbonate, pre-mixture of vitamins, pre-mixture of minerals PM Oligo Bicarb 1% without Sel - Bicarb -Co, dicalcium phosphate.

### CENTESIMAL COMPOSITION

Cereals	69.2 %
Animal Proteins	6.0 %
Vegetal Proteins	20.2 %
Vitamins & Minerals	4.6 %

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	13.4	3195.6	
ME Atwater	13.9	3325.5	
Energy from proteins	3.5	843.7	25.4
Energy from lipids	1.5	355.9	10.7
Energy from NFE	8.9	2125.8	63.9

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

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	11 696 mg	Methionine	4 490 mg
Cystine	3 057 mg	Tryptophan	2 534 mg
Lysine	11 940 mg	Glycine	7 634 mg

#### FATTY ACIDS

Palmitic acid	11 818 mg	Sum SFA	12 993 mg
Stearic acid	881 mg	Sum UFA	26 885 mg
Palmitoleic acid	112 mg	Sum MUFA	7 030 mg
Oleic acid	6 826 mg	Sum PUFA	19 855 mg
LA	17 927 mg		
ALA	1 918 mg		
Sum n-3	1 918 mg		
Sum n-6	17 937 mg		

#### MINERALS

	END PRODUCT
Calcium	8 858 mg
Phosphorus	5 949 mg
Sodium	229 mg
Potassium	8 117 mg
Magnesium	2 079 mg
Manganese	85 mg
Iron	281 mg
Copper	26 mg
Zinc	61 mg
Chlorine	938 mg

#### VITAMINS

	END PRODUCT
Vitamin A	16 064 IU
Vitamin D3	2 380 IU
Vitamin E	52 IU
Vitamin K3	31 mg
Vitamin B1	7.0 mg
Vitamin B2	13 mg
Vitamin B3	91 mg
Vitamin B5	25 mg
Vitamin B6	7.0 mg
Vitamin B9	0.89 mg
Vitamin B12	0.039 mg
Biotin	0.15 mg
Choline	1 555 mg

#### SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	1.8 %	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