

SAFE® E8220 Version 12

Definition

A04 1g_kg Doxycycline Hyclate
Supplemented 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. 12*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 12*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy
SAFE® E8220 v. 12*	1 x 10 kg	Paper bag, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 12*	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 ²
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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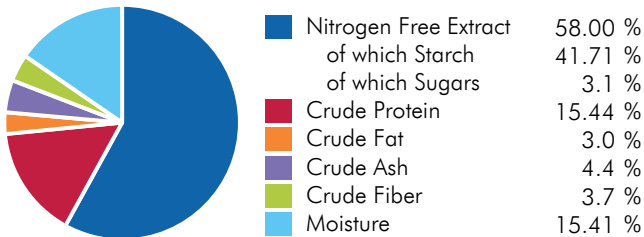
Ingredients

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, doxycycline.

CENTESIMAL COMPOSITION

Cereals	80.64 %	Water	4.0 %
Animal Proteins	3.8 %		
Vegetal Proteins	7.7 %		
Vitamins & Minerals	3.7 %		
Others	0.11 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	12.6	3017.5	
ME Atwater	13.4	3205.2	
Energy from proteins	2.6	617.5	19.3
Energy from lipids	1.1	267.5	8.3
Energy from NFE	9.7	2320.1	72.4

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	8 630 mg	Methionine	2 685 mg
Cystine	2 397 mg	Tryptophan	1 822 mg
Lysine	6 904 mg	Glycine	7 767 mg

FATTY ACIDS

Palmitic acid	5 658 mg	Sum SFA	6 502 mg
Stearic acid	575 mg	Sum UFA	20 332 mg
Palmitoleic acid	144 mg	Sum MUFA	4 790 mg
Oleic acid	4 603 mg	Sum PUFA	15 542 mg
LA	14 384 mg		
ALA	1 151 mg		
Sum n-3	1 151 mg		
Sum n-6	14 391 mg		

MINERALS

	END PRODUCT
Calcium	7 010 mg
Phosphorus	5 274 mg
Sodium	2 400 mg
Potassium	5 754 mg
Magnesium	1 536 mg
Manganese	67 mg
Iron	259 mg
Copper	15 mg
Zinc	53 mg
Chlorine	3 836 mg

VITAMINS

	END PRODUCT
Vitamin A	7 192 IU
Vitamin D3	959 IU
Vitamin E	29 IU
Vitamin K3	2.4 mg
Vitamin B1	4.8 mg
Vitamin B2	6.2 mg
Vitamin B3	67 mg
Vitamin B5	9.6 mg
Vitamin B6	2.9 mg
Vitamin B9	0.34 mg
Vitamin B12	0.010 mg
Biotin	0.077 mg
Choline	1 534 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	1.2 %		

ADDED COMPOUNDS

Total Compounds	1 078 mg
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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