

SAFE® E8220 Version 232

Definition

A04 0.625g_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. 232*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 232*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy
SAFE® E8220 v. 232*	1 x 10 kg	Paper bag, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 232*	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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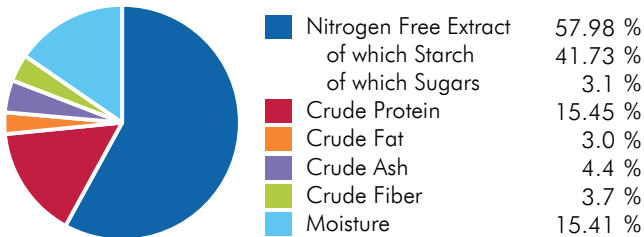
Ingredients

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	80.68 %	Water	4.0 %
Animal Proteins	3.8 %		
Vegetal Proteins	7.7 %		
Vitamins & Minerals	3.7 %		
Others	0.064 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	12.6	3018.2	
ME Atwater	13.4	3204.9	
Energy from proteins	2.6	617.8	19.3
Energy from lipids	1.1	267.7	8.4
Energy from NFE	9.7	2319.4	72.4

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	8 634 mg	Methionine	2 686 mg
Cystine	2 398 mg	Tryptophan	1 823 mg
Lysine	6 907 mg	Glycine	7 771 mg

FATTY ACIDS

Palmitic acid	5 660 mg	Sum SFA	6 505 mg
Stearic acid	576 mg	Sum UFA	20 341 mg
Palmitoleic acid	144 mg	Sum MUFA	4 792 mg
Oleic acid	4 605 mg	Sum PUFA	15 549 mg
LA	14 390 mg		
ALA	1 151 mg		
Sum n-3	1 151 mg		
Sum n-6	14 398 mg		

MINERALS

	END PRODUCT
Calcium	7 013 mg
Phosphorus	5 276 mg
Sodium	2 402 mg
Potassium	5 756 mg
Magnesium	1 537 mg
Manganese	67 mg
Iron	259 mg
Copper	15 mg
Zinc	53 mg
Chlorine	3 837 mg

VITAMINS

	END PRODUCT
Vitamin A	7 195 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	1 535 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	1.2 %		

ADDED COMPOUNDS

Total Compounds	627 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