

SAFE® E8404 Version 2

Definition

150 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® E8404 v. 2*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8404 v. 2*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy
SAFE® E8404 v. 2*	1 x 10 kg	Paper bag, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8404 v. 2*	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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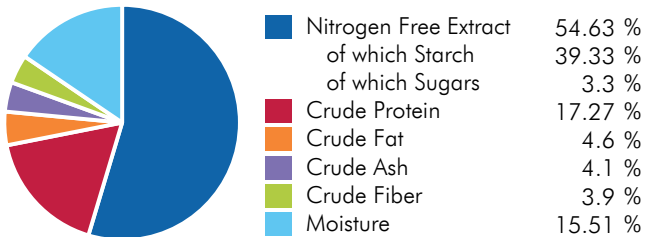
Ingredients

SAFE 150 (Barley, wheat, maize, maize gluten, wheat germ, wheat bran, potato protein, sunflower seed, inactivated brewer's yeast, calcium carbonate, pre-mixture of vitamins, pre-mixture of minerals, dicalcium phosphate, L-lysine, DLMethionine.), water, doxycycline.

CENTESIMAL COMPOSITION

Cereals	69.75 %	Water	4.0 %
Vegetal Proteins	21.59 %		
Vitamins & Minerals	4.1 %		
Carbon Hydrates	0.48 %		
Others	0.064 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	13.1	3133.1	
ME Atwater	13.8	3290.3	
Energy from proteins	2.9	690.7	21.0
Energy from lipids	1.7	414.4	12.6
Energy from NFE	9.1	2185.1	66.4

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	9 402 mg	Methionine	3 646 mg
Cystine	3 166 mg	Tryptophan	1 919 mg
Lysine	10 745 mg	Glycine	7 387 mg

FATTY ACIDS

Palmitic acid	4 701 mg	Sum UFA	33 683 mg
Stearic acid	921 mg	Sum MUFA	18 794 mg
Oleic acid	18 228 mg	Sum PUFA	14 889 mg
LA	13 431 mg		
ALA	1 439 mg		
Sum n-3	1 439 mg		
Sum n-6	13 450 mg		
Sum SFA	6 140 mg		

MINERALS

	END PRODUCT
Calcium	7 013 mg
Phosphorus	4 893 mg
Sodium	2 114 mg
Potassium	4 509 mg
Magnesium	1 249 mg
Manganese	72 mg
Iron	240 mg
Copper	16 mg
Zinc	62 mg
Chlorine	3 933 mg

VITAMINS

	END PRODUCT
Vitamin A	11 512 IU
Vitamin D3	1 727 IU
Vitamin E	38 IU
Vitamin K3	2.9 mg
Vitamin B1	6.7 mg
Vitamin B2	9.6 mg
Vitamin B3	77 mg
Vitamin B5	12 mg
Vitamin B6	3.4 mg
Vitamin B9	0.38 mg
Vitamin B12	0.010 mg
Biotin	0.077 mg
Choline	1 727 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	1.5 %		

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