Custom Diets

SAFE CUSTOM DIETS

PRODUCT DATA SHEET
Release date: November 2020

SAFE® E8404 Version 11

Definition

150 1g_kg Doxycycline Hyclate
Supplemented custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

SAFE® E8404 Version 11 — Picture indicative only

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

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/cm²
Abrasion resistance	> 80 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

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. 11*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8404 v. 11*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy
SAFE® E8404 v. 11*	1 x 10 kg	Paper bag, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8404 v. 11*	2 x 5 kg	Paper bag, Vacuum packed and boxed	Min. 25 kGy

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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	69.72 %	Water	4.0 %
Vegetal Proteins	21.58 %		
Vitamins & Minerals	4.1 %		
Carbon Hydrates	0.48 %		
Others	0.10 %		

NUTRITIONAL COMPOSITION

Nitrogen Free Extract	54.64 %
of which Starch	39.32 %
of which Sugars	3.3 %
Crude Protein	17.26 %
Crude Fat	4.6 %
Crude Ash	4.1 %
Crude Fiber	3.9 %
Moisture	15.50 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	13.1	3132.5	
ME Atwater	13.8	3290.5	
Energy from proteins	2.9	690.5	21.0
Energy from lipids	1.7	414.3	12.6
Energy from NFE	9.2	2185.8	66.4

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

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.

Theorical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	9 398 mg	Methionine	3 644 mg
Cystine	3 165 mg	Tryptophan	1 918 mg
Lysine	10 740 mg	Glycine	7 384 mg

FATTY ACIDS

Palmitic acid	4 699 mg	Sum UFA	33 669 mg
Stearic acid	921 mg	Sum MUFA	18 786 mg
Oleic acid	18 220 mg	Sum PUFA	14 883 mg
LA	13 426 mg		
ALA	1 438 mg		
Sum n-3	1 438 mg		
Sum n-6	13 444 mg		
Sum SFA	6 137 mg		

MINERALS

	END PRODUCT
Calcium	7 010 mg
Phosphorus	4 891 mg
Sodium	2 113 mg
Potassium	4 507 mg
Magnesium	1 249 mg
Manganese	72 mg
Iron	240 mg
Copper	16 mg
Zinc	62 mg
Chlorine	3 932 mg

VITAMINS

	END PRODUCT
Vitamin A	11 508 IU
Vitamin D3	1 726 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	1 726 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	1.5 %		

ADDED COMPOUNDS

Total Compounds	1 009 mg

The values of the end products are given as indication only and have no contractual value. They are theorical 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

SAFE COMPLETE CARE COMPETENCE

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