Custom Diets

SAFE CUSTOM DIETS

PRODUCT DATA SHEET
Release date: November 2020

SAFE® U8954 Version 174

Definition

Cétogénique Close to TD 160153
Fats and sugars controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

SAFE® U8954 Version 174 — 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.
- Replace preferably 3 times a week.

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	Powder Or Paste
Crushing resistance	- kgf/cm²
Abrasion resistance	- %
Specific mass	~ 800 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® U8954 v. 174*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8954 v. 174*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

Produced in France

SAFE COMPLETE CARE COMPETENCE

WORLDWIDE HEADQUARTERS
73494 Rosenberg (Germany)
service@safe-lab.com

DIETS PRODUCTION SITE
89290 Augy (France)
info@safe-lab.com

www.safe-lab.com

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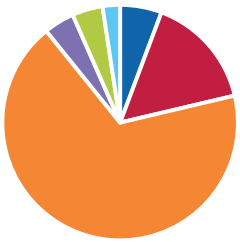
Ingredients

Hydrogenated vegetable oil, casein, cocoa butter, corn oil, pre-mixture of minerals PM AIN 93M_G 3,5%, crude cellulose, pre-mixture of vitamins PV AIN 93M_G 1%, choline bitartrate, DLmethionine.

CENTESIMAL COMPOSITION

Animal Proteins	18 %
Vitamins & Minerals	8.1 %
Forages & Fibers	6.0 %
Amino Acids	0.29 %
Oils & Fats	67.66 %

NUTRITIONAL COMPOSITION



Nitrogen Free Extract	5.7 %
of which Starch	< 0.4 %
of which Sugars	2.8 %
Crude Protein	15.60 %
Crude Fat	67.89 %
Crude Ash	4.2 %
Crude Fiber	4.2 %
Moisture	2.4 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	26.9	6414.5	
ME Atwater	29.2	6962.5	
Energy from proteins	2.6	624.0	9.0
Energy from lipids	25.6	6110.0	87.8
Energy from NFE	0.96	228.5	3.3

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	6 120 mg	Methionine	7 726 mg
Cystine	630 mg	Tryptophan	1 890 mg
Lysine	13 320 mg	Glycine	3 060 mg

FATTY ACIDS

Palmitic acid	123 046 mg	Sum SFA	222 968 mg
Stearic acid	96 075 mg	Sum UFA	436 581 mg
Palmitoleic acid	425 mg	Sum MUFA	159 329 mg
Oleic acid	158 904 mg	Sum PUFA	277 252 mg
LA	52 027 mg	Cholesterol	5.7 mg
ALA	28 105 mg		
Sum n-3	28 105 mg		
Sum n-6	249 147 mg		

MINERALS

	END PRODUCT
Calcium	8 404 mg
Phosphorus	3 973 mg
Sodium	1 767 mg
Potassium	6 253 mg
Magnesium	1 088 mg
Manganese	19 mg
Iron	92 mg
Copper	10 mg
Zinc	67 mg
Chlorine	2 426 mg

VITAMINS

	END PRODUCT
Vitamin A	7 161 IU
Vitamin D3	2 125 IU
Vitamin E	289 IU
Vitamin K3	10 mg
Vitamin B1	10 mg
Vitamin B2	9.8 mg
Vitamin B3	59 mg
Vitamin B5	27 mg
Vitamin B6	12 mg
Vitamin B9	3.4 mg
Vitamin B12	0.043 mg
Biotin	0.34 mg
Choline	1 443 mg

SUGARS

Sucrose	2.8 %
Lactose	< 0.5 %

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.

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