Custom Diets

SAFE CUSTOM DIETS

PRODUCT DATA SHEET
Release date: October 2020

SAFE® U8954 Version 205

Definition

292HF
Fats and sugars controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

SAFE® U8954 Version 205 — 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	10-12 mm
Crushing resistance	< 5 kgf/cm²
Abrasion resistance	- %
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® U8954 v. 205*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8954 v. 205*	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

Lard, casein, maltodextrin, sucrose, crude cellulose, pre-mixture of minerals PM AIN 93M_G 3,5%, soybean oil, pre-mixture of vitamins PV AIN 93M_G 1%, dicalcium phosphate, potassium citrate, L-cystine, choline bitartrate.

CENTESIMAL COMPOSITION

Animal Proteins	25.8 %	Oils & Fats	35.3 %
Vitamins & Minerals	7.1 %		
Forages & Fibers	6.5 %		
Amino Acids	0.39 %		
Carbon Hydrates	24.95 %		

NUTRITIONAL COMPOSITION

Nitrogen Free Extract	29.71 %
of which Starch	13.69 %
of which Sugars	12.35 %
Crude Protein	22.41 %
Crude Fat	35.57 %
Crude Ash	4.1 %
Crude Fiber	4.6 %
Moisture	3.7 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	21.3	5088.4	
ME Atwater	22.1	5285.8	
Energy from proteins	3.8	896.4	17.0
Energy from lipids	13.4	3201.1	60.6
Energy from NFE	5.0	1188.3	22.5

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	8 772 mg	Methionine	6 966 mg
Cystine	4 725 mg	Tryptophan	2 709 mg
Lysine	19 092 mg	Glycine	4 386 mg

FATTY ACIDS

Palmitic acid	80 618 mg	Sum SFA	128 823 mg
Stearic acid	43 445 mg	Sum UFA	204 611 mg
Palmitoleic acid	9 659 mg	Sum MUFA	146 037 mg
Oleic acid	134 778 mg	Sum PUFA	58 574 mg
LA	47 377 mg	Cholesterol	273 mg
ALA	5 757 mg		
Sum n-3	5 757 mg		
Sum n-6	52 817 mg		

MINERALS

	END PRODUCT
Calcium	7 322 mg
Phosphorus	4 530 mg
Sodium	1 050 mg
Potassium	7 572 mg
Magnesium	642 mg
Manganese	12 mg
Iron	61 mg
Copper	6.6 mg
Zinc	46 mg
Chlorine	1 429 mg

VITAMINS

	END PRODUCT
Vitamin A	5 783 IU
Vitamin D3	1 625 IU
Vitamin E	115 IU
Vitamin K3	8.0 mg
Vitamin B1	7.8 mg
Vitamin B2	7.5 mg
Vitamin B3	45 mg
Vitamin B5	20 mg
Vitamin B6	9.1 mg
Vitamin B9	2.6 mg
Vitamin B12	0.033 mg
Biotin	0.26 mg
Choline	1 072 mg

SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	10 %		

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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