Custom Diets

SAFE CUSTOM DIETS

PRODUCT DATA SHEET
Release date: November 2020

SAFE® U8954 Version 165

Definition

TD08811 + 1% Cholest.
Cholesterol controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

SAFE® U8954 Version 165 — 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. 165*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8954 v. 165*	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

Sucrose, AMF butter, casein, maltodextrin, pregelatinized cornstarch, crude cellulose, pre-mixture of minerals PM AIN 93M_G 3,5%, soybean oil, pre-mixture of vitamins PV AIN 93M_G 1%, cholesterol, L-cystine, choline bitartrate, BHT Butylhydroxytoluene.

CENTESIMAL COMPOSITION

Animal Proteins	19.5 %	Oils & Fats	24 %
Vitamins & Minerals	6.5 %	Others	0.004 %
Forages & Fibers	5.0 %		
Amino Acids	0.30 %		
Carbon Hydrates	44.7 %		

NUTRITIONAL COMPOSITION

Nitrogen Free Extract	48.76 %
of which Starch	10.25 %
of which Sugars	34.88 %
Crude Protein	17.12 %
Crude Fat	24.16 %
Crude Ash	3.2 %
Crude Fiber	3.5 %
Moisture	3.2 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	19.5	4668.2	
ME Atwater	20.1	4810.0	
Energy from proteins	2.9	684.8	14.2
Energy from lipids	9.1	2174.8	45.2
Energy from NFE	8.2	1950.5	40.6

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	6 692 mg	Methionine	5 312 mg
Cystine	3 635 mg	Tryptophan	2 070 mg
Lysine	14 585 mg	Glycine	3 357 mg

FATTY ACIDS

Palmitic acid	70 013 mg	EPA	57 mg
Stearic acid	23 538 mg	DPA	92 mg
Palmitoleic acid	2 593 mg	Sum SFA	147 424 mg
Oleic acid	41 018 mg	Sum UFA	62 474 mg
LA	12 890 mg	Sum MUFA	45 518 mg
ALA	2 229 mg	Sum PUFA	16 956 mg
Sum n-3	2 378 mg	Cholesterol	10 048 mg
Sum n-6	14 039 mg		

MINERALS

	END PRODUCT
Calcium	6 087 mg
Phosphorus	3 111 mg
Sodium	1 343 mg
Potassium	4 539 mg
Magnesium	792 mg
Manganese	14 mg
Iron	66 mg
Copper	7.5 mg
Zinc	51 mg
Chlorine	1 800 mg

VITAMINS

	END PRODUCT
Vitamin A	7 958 IU
Vitamin D3	2 375 IU
Vitamin E	158 IU
Vitamin K3	12 mg
Vitamin B1	11 mg
Vitamin B2	11 mg
Vitamin B3	65 mg
Vitamin B5	30 mg
Vitamin B6	13 mg
Vitamin B9	3.8 mg
Vitamin B12	0.048 mg
Biotin	0.38 mg
Choline	1 237 mg
Vitamin C	< 10 mg

SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	34 %		

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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