Custom Diets

SAFE CUSTOM DIETS

PRODUCT DATA SHEET
Release date: October 2020

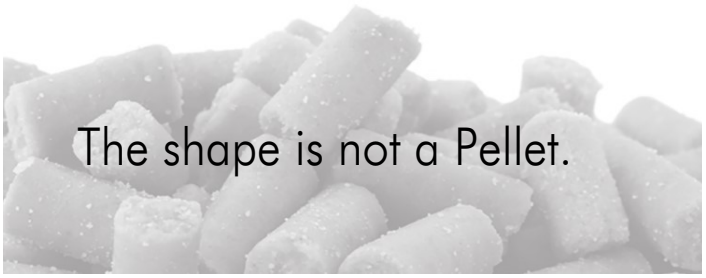
SAFE® U8954 Version 1

Definition

236 HF - 35% Saindoux 14.5% H.MAIS
Fats and sugars controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.



SAFE® U8954 Version 1 — 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. 1*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8954 v. 1*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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Ingredients

Casein, lard, corn oil, crude cellulose, pre-mixture of minerals PM 205B, pre-mixture of vitamins PV 200 1%.

CENTESIMAL COMPOSITION

Animal Proteins	37 %
Vitamins & Minerals	3.5 %
Forages & Fibers	10 %
Oils & Fats	49.5 %

NUTRITIONAL COMPOSITION

Nitrogen Free Extract	3.6 %
of which Starch	0.56 %
of which Sugars	< 1 %
Crude Protein	32.04 %
Crude Fat	49.93 %
Crude Ash	2.6 %
Crude Fiber	7.0 %
Moisture	4.8 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	23.8	5675.1	
ME Atwater	24.8	5919.8	
Energy from proteins	5.4	1281.5	21.6
Energy from lipids	18.8	4493.9	75.9
Energy from NFE	0.60	144.4	2.4

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	12 710 mg	Methionine	10 086 mg
Cystine	1 318 mg	Tryptophan	3 922 mg
Lysine	27 624 mg	Glycine	6 343 mg

FATTY ACIDS

Palmitic acid	100 155 mg	Sum SFA	154 709 mg
Stearic acid	48 803 mg	Sum UFA	314 594 mg
Palmitoleic acid	11 110 mg	Sum MUFA	190 535 mg
Oleic acid	177 675 mg	Sum PUFA	124 060 mg
LA	113 200 mg	Cholesterol	300 mg
ALA	4 910 mg		
Sum n-3	4 910 mg		
Sum n-6	119 150 mg		

MINERALS

	END PRODUCT
Calcium	3 062 mg
Phosphorus	3 069 mg
Sodium	1 028 mg
Potassium	1 385 mg
Magnesium	463 mg
Manganese	197 mg
Iron	45 mg
Copper	33 mg
Zinc	128 mg
Chlorine	3 086 mg

VITAMINS

	END PRODUCT
Vitamin A	20 615 IU
Vitamin D3	2 500 IU
Vitamin E	248 IU
Vitamin K3	18 mg
Vitamin B1	20 mg
Vitamin B2	15 mg
Vitamin B3	113 mg
Vitamin B5	7.1 mg
Vitamin B6	10 mg
Vitamin B9	5.0 mg
Vitamin B12	0.050 mg
Biotin	0.30 mg
Choline	1 013 mg
Vitamin C	< 10 mg

SUGARS

Sucrose	< 0.5 %
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.

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