Custom Diets

SAFE CUSTOM DIETS

PRODUCT DATA SHEET
Release date: October 2020

SAFE® U8957 Version 1

Definition

BIOSERVE- 230HF
Fats and sugars controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

SAFE® U8957 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® U8957 v. 1*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8957 v. 1*	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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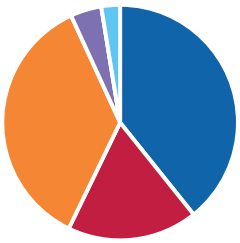
Ingredients

Sucrose, lard, casein, pre-mixture of minerals PM 205B, pre-mixture of vitamins PV 200 1%.

CENTESIMAL COMPOSITION

Animal Proteins	20.5 %
Vitamins & Minerals	6.9 %
Carbon Hydrates	36.8 %
Oils & Fats	35.8 %

NUTRITIONAL COMPOSITION



Nitrogen Free Extract	39.26 %
of which Starch	1.3 %
of which Sugars	35.29 %
Crude Protein	17.92 %
Crude Fat	35.97 %
Crude Ash	4.3 %
Crude Fiber	< 0.5 %
Moisture	2.6 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	22.6	5400.0	
ME Atwater	23.1	5524.1	
Energy from proteins	3.0	716.9	13.0
Energy from lipids	13.6	3236.9	58.6
Energy from NFE	6.6	1570.3	28.4

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	7 134 mg	Methionine	5 646 mg
Cystine	757 mg	Tryptophan	2 196 mg
Lysine	15 433 mg	Glycine	3 538 mg

FATTY ACIDS

Palmitic acid	86 278 mg	Sum SFA	138 675 mg
Stearic acid	47 256 mg	Sum UFA	199 485 mg
Palmitoleic acid	10 622 mg	Sum MUFA	156 328 mg
Oleic acid	143 916 mg	Sum PUFA	43 157 mg
LA	33 473 mg	Cholesterol	304 mg
ALA	3 598 mg		
Sum n-3	3 598 mg		
Sum n-6	39 559 mg		

MINERALS

	END PRODUCT
Calcium	6 661 mg
Phosphorus	5 225 mg
Sodium	2 351 mg
Potassium	3 201 mg
Magnesium	1 058 mg
Manganese	462 mg
Iron	91 mg
Copper	75 mg
Zinc	272 mg
Chlorine	6 805 mg

VITAMINS

	END PRODUCT
Vitamin A	20 000 IU
Vitamin D3	2 500 IU
Vitamin E	188 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	35 %
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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