

SAFE® U8978 Version 177

Definition

AIN93G AMF butter
Custom made diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

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.

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

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® U8978 v. 177*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8978 v. 177*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy



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Picture indicative only

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/cm ²
Abrasion resistance	> 80 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

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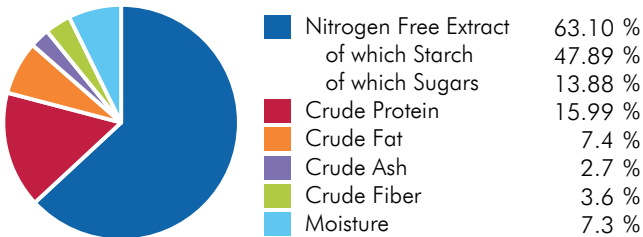
Ingredients

Pregelatinized cornstarch, casein, maltodextrin, sucrose, AMF butter, crude cellulose, pre-mixture of minerals PM AIN 93M_G 3,5%, pre-mixture of vitamins PV AIN 93M_G 1%, L-cystine, choline bitartrate.

CENTESIMAL COMPOSITION

Animal Proteins	18 %	Oils & Fats	7.0 %
Vitamins & Minerals	4.8 %		
Forages & Fibers	5.0 %		
Amino Acids	0.30 %		
Carbon Hydrates	64.95 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	16.3	3882.7	
ME Atwater	16.0	3825.4	
Energy from proteins	2.7	639.8	16.7
Energy from lipids	2.8	661.8	17.3
Energy from NFE	10.6	2523.8	66.0

More information on energy calculation: www.safe-lab.com

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	6 141 mg	Methionine	4 876 mg
Cystine	3 574 mg	Tryptophan	1 897 mg
Lysine	13 512 mg	Glycine	3 074 mg

FATTY ACIDS

Palmitic acid	22 631 mg	EPA	19 mg
Stearic acid	7 603 mg	DPA	31 mg
Palmitoleic acid	831 mg	Sum SFA	48 158 mg
Oleic acid	12 433 mg	Sum UFA	15 511 mg
LA	770 mg	Sum MUFA	13 899 mg
ALA	230 mg	Sum PUFA	1 612 mg
Sum n-3	279 mg	Cholesterol	182 mg
Sum n-6	1 153 mg		

MINERALS

	END PRODUCT
Calcium	4 984 mg
Phosphorus	2 632 mg
Sodium	1 440 mg
Potassium	3 704 mg
Magnesium	645 mg
Manganese	12 mg
Iron	55 mg
Copper	6.2 mg
Zinc	42 mg
Chlorine	1 436 mg

VITAMINS

	END PRODUCT
Vitamin A	4 001 IU
Vitamin D3	1 250 IU
Vitamin E	82 IU
Vitamin K3	6.1 mg
Vitamin B1	6.0 mg
Vitamin B2	5.8 mg
Vitamin B3	34 mg
Vitamin B5	16 mg
Vitamin B6	7.0 mg
Vitamin B9	2.0 mg
Vitamin B12	0.025 mg
Biotin	0.20 mg
Choline	1 031 mg
Vitamin C	< 10 mg

SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	12 %		

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.

The values of the end products are given as indication only and have no contractual value. They are theoretical 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