

SAFE® U8978 Version 54

Definition

AIN 76 A

Sugar controlled custom 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. 54*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8978 v. 54*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy



SAFE® U8978 Version 54

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	> 90 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

SAFE® U8978 Version 54

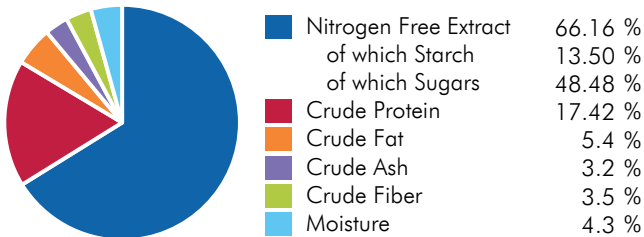
Ingredients

Sucrose, casein, pregelatinized cornstarch, corn oil, crude cellulose, pre-mixture of minerals PM AIN 76A 3,5%, pre-mixture of vitamins PV AIN 76A 1%, DLMethionine, choline bitartrate.

CENTESIMAL COMPOSITION

Animal Proteins	20 %	Oils & Fats	5.0 %
Vitamins & Minerals	4.7 %		
Forages & Fibers	5.0 %		
Amino Acids	0.30 %		
Carbon Hydrates	65 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	16.1	3840.2	
ME Atwater	16.0	3825.9	
Energy from proteins	2.9	697.0	18.2
Energy from lipids	2.0	482.4	12.6
Energy from NFE	11.1	2646.6	69.2

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	6 800 mg	Methionine	8 385 mg
Cystine	700 mg	Tryptophan	2 100 mg
Lysine	14 856 mg	Glycine	3 400 mg

FATTY ACIDS

Palmitic acid	5 450 mg	Sum SFA	6 598 mg
Stearic acid	898 mg	Sum UFA	41 230 mg
Palmitoleic acid	250 mg	Sum MUFA	13 000 mg
Oleic acid	12 750 mg	Sum PUFA	28 230 mg
LA	27 750 mg	Cholesterol	< 1 mg
ALA	480 mg		
Sum n-3	480 mg		
Sum n-6	27 750 mg		

MINERALS

	END PRODUCT
Calcium	5 242 mg
Phosphorus	4 428 mg
Sodium	1 167 mg
Potassium	3 874 mg
Magnesium	522 mg
Manganese	60 mg
Iron	45 mg
Copper	7.3 mg
Zinc	42 mg
Chlorine	1 422 mg

VITAMINS

	END PRODUCT
Vitamin A	4 212 IU
Vitamin D3	1 250 IU
Vitamin E	74 IU
Vitamin K3	4.3 mg
Vitamin B1	6.0 mg
Vitamin B2	5.8 mg
Vitamin B3	33 mg
Vitamin B5	16 mg
Vitamin B6	7.0 mg
Vitamin B9	2.0 mg
Vitamin B12	0.010 mg
Biotin	0.20 mg
Choline	825 mg

SUGARS

Sucrose	48 %
Lactose	< 0.5 %

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