

SAFE® U8958 Version 136

Definition

WESTERN 1635 CONTROL

Fats and sugars 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.
- 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

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® U8958 v. 136*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8958 v. 136*	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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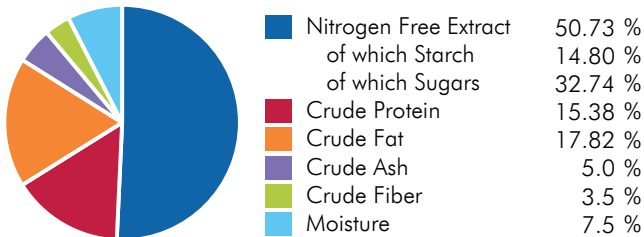
Ingredients

Sucrose, dairy butter, casein, pregelatinized cornstarch, pre-mixture of minerals PM 205B, crude cellulose, pre-mixture of vitamins PV 200 1%, DLMethionine.

CENTESIMAL COMPOSITION

Animal Proteins	17 %	Oils & Fats	21 %
Vitamins & Minerals	8.0 %		
Forages & Fibers	5.0 %		
Amino Acids	0.30 %		
Carbon Hydrates	48.7 %		

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	17.4	4149.7	
ME Atwater	17.8	4248.5	
Energy from proteins	2.6	615.3	14.5
Energy from lipids	6.7	1604.0	37.8
Energy from NFE	8.5	2029.2	47.8

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	6 007 mg	Methionine	7 731 mg
Cystine	651 mg	Tryptophan	1 849 mg
Lysine	13 017 mg	Glycine	2 979 mg

FATTY ACIDS

Palmitic acid	47 250 mg	DPA	65 mg
Stearic acid	17 739 mg	Sum SFA	111 941 mg
Oleic acid	38 850 mg	Sum UFA	45 406 mg
LA	2 539 mg	Sum MUFA	41 662 mg
ALA	882 mg	Sum PUFA	3 744 mg
Sum n-3	968 mg	Cholesterol	464 mg
Sum n-6	2 776 mg		
DHA	21 mg		

MINERALS

	END PRODUCT
Calcium	7 883 mg
Phosphorus	6 048 mg
Sodium	2 934 mg
Potassium	3 831 mg
Magnesium	1 259 mg
Manganese	547 mg
Iron	110 mg
Copper	88 mg
Zinc	320 mg
Chlorine	8 040 mg

VITAMINS

	END PRODUCT
Vitamin A	20 004 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	7.2 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	33 %
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