Custom Diets

SAFE CUSTOM DIETS

PRODUCT DATA SHEET
Release date: November 2020

SAFE® U8958 Version 224

Definition

TRYPTOPHANE DEFICIENT
Amino acid deficient custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

SAFE® U8958 Version 224 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.

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	10-12 mm
Crushing resistance	> 5 kgf/cm²
Abrasion resistance	> 90 %
Specific mass	~ 600 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® U8958 v. 224*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8958 v. 224*	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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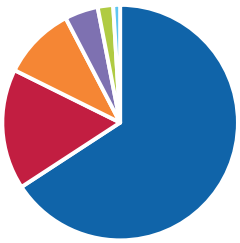
Ingredients

Sucrose, corn oil, pre-mixture of minerals PM 205B, maltodextrin, L-glutamic acid, crude cellulose, L-lysine, glycine, L-arginine, L-leucine, pre-mixture of vitamins PV 200 1%, L-valine, DLmethionine, L-isoleucine, L-threonine, L-phenylalanine, L-asparagine, L-tyrosine, L-histidine, L-aspartic acid, L-cystine, L-alanine, L-proline, L-serine.

CENTESIMAL COMPOSITION

Vitamins & Minerals	8.0 %
Forages & Fibers	3.0 %
Amino Acids	18.24 %
Carbon Hydrates	60.76 %
Oils & Fats	10 %

NUTRITIONAL COMPOSITION



Nitrogen Free Extract	65.79 %
of which Starch	5.8 %
of which Sugars	53.89 %
Crude Protein	16.54 %
Crude Fat	10.02 %
Crude Ash	4.6 %
Crude Fiber	2.1 %
Moisture	0.95 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	17.4	4148.8	
ME Atwater	17.6	4195.5	
Energy from proteins	2.8	661.7	15.8
Energy from lipids	3.8	902.1	21.5
Energy from NFE	11.0	2631.8	62.7

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	11 934 mg	Methionine	8 275 mg
Cystine	3 475 mg	Tryptophan	45 mg
Lysine	18 287 mg	Glycine	22 708 mg

FATTY ACIDS

Palmitic acid	10 900 mg	Sum SFA	13 195 mg
Stearic acid	1 795 mg	Sum UFA	82 460 mg
Palmitoleic acid	500 mg	Sum MUFA	26 000 mg
Oleic acid	25 500 mg	Sum PUFA	56 460 mg
LA	55 500 mg	Cholesterol	1.9 mg
ALA	960 mg		
Sum n-3	960 mg		
Sum n-6	55 500 mg		

MINERALS

	END PRODUCT
Calcium	7 772 mg
Phosphorus	5 468 mg
Sodium	2 761 mg
Potassium	3 776 mg
Magnesium	1 244 mg
Manganese	547 mg
Iron	109 mg
Copper	88 mg
Zinc	312 mg
Chlorine	12 476 mg

VITAMINS

	END PRODUCT
Vitamin A	20 424 IU
Vitamin D3	2 500 IU
Vitamin E	214 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

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	53 %		

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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