

SAFE® U8958 Version 249

Definition

MCD AIN76 +3g_kg Meth +2g_kg Cl.Chol.
Methionin & Cholin controlled custom diet for NASH models. Diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.



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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/cm ²
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. 249*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8958 v. 249*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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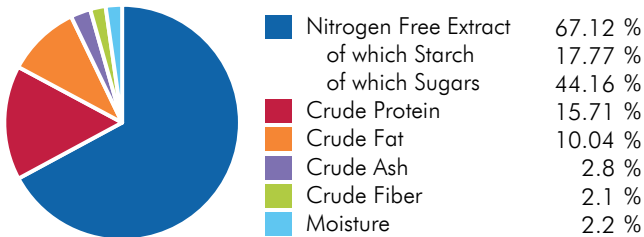
Ingredients

Sucrose, pregelatinized cornstarch, corn oil, maltodextrin, L-glutamic acid, pre-mixture of minerals PM AIN 93M_G 3,5%, crude cellulose, glycine, L-lysine, L-arginine, L-leucine, pre-mixture of vitamins PV AIN 76A 1%, L-valine, L-threonine, L-isoleucine, L-phenylalanine, sodium bicarbonate, L-asparagine, L-tyrosine, L-histidine, L-cystine, L-alanine, L-aspartic acid, L-proline, L-serine, DLmethionine, choline, L-tryptophan.

CENTESIMAL COMPOSITION

Vitamins & Minerals	5.5 %
Forages & Fibers	3.0 %
Amino Acids	17.44 %
Carbon Hydrates	64.11 %
Oils & Fats	10 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	17.5	4184.1	
ME Atwater	17.7	4216.6	
Energy from proteins	2.6	628.4	14.9
Energy from lipids	3.8	903.5	21.4
Energy from NFE	11.2	2684.7	63.7

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	11 858 mg	Methionine	2 985 mg
Cystine	3 430 mg	Tryptophan	1 782 mg
Lysine	14 096 mg	Glycine	22 951 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	4 875 mg
Phosphorus	2 031 mg
Sodium	3 225 mg
Potassium	3 661 mg
Magnesium	632 mg
Manganese	11 mg
Iron	54 mg
Copper	5.4 mg
Zinc	34 mg
Chlorine	4 914 mg

VITAMINS

	END PRODUCT
Vitamin A	4 424 IU
Vitamin D3	1 250 IU
Vitamin E	89 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	1 485 mg

SUGARS

Glucose	< 0.5 %
Sucrose	44 %

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