

SAFE® U8958 Version 247

Definition

MCD AIN HF +1g_kg Meth 35.6%Fat
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.
- 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

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	- %
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. 247*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8958 v. 247*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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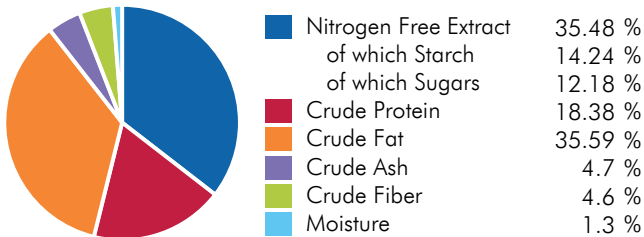
Ingredients

Lard, maltodextrin, sucrose, crude cellulose, L-glutamic acid, soybean oil, L-proline, L-lysine, potassium citrate, L-leucine, dicalcium phosphate, L-aspartic acid, L-serine, pre-mixture of minerals PM AIN 93M_G 3,5%, pre-mixture of vitamins PV AIN 93M_G 1%, L-valine, L-tyrosine, L-phenylalanine, L-isoleucine, sodium bicarbonate, L-threonine, L-arginine, calcium carbonate, L-alanine, L-histidine, L-cystine, glycine, L-tryptophan, DLmethionine.

CENTESIMAL COMPOSITION

Vitamins & Minerals	8.3 %
Forages & Fibers	6.6 %
Amino Acids	23.61 %
Carbon Hydrates	25.8 %
Oils & Fats	35.71 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	20.9	4984.1	
ME Atwater	22.4	5357.7	
Energy from proteins	3.1	735.3	13.7
Energy from lipids	13.4	3203.1	59.8
Energy from NFE	5.9	1419.4	26.5

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

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	7 742 mg	Methionine	995 mg
Cystine	5 488 mg	Tryptophan	2 772 mg
Lysine	17 472 mg	Glycine	3 940 mg

FATTY ACIDS

Palmitic acid	81 593 mg	Sum SFA	130 387 mg
Stearic acid	43 976 mg	Sum UFA	206 920 mg
Palmitoleic acid	9 779 mg	Sum MUFA	147 803 mg
Oleic acid	136 405 mg	Sum PUFA	59 117 mg
LA	47 804 mg	Cholesterol	276 mg
ALA	5 805 mg		
Sum n-3	5 805 mg		
Sum n-6	53 312 mg		

MINERALS

	END PRODUCT
Calcium	8 697 mg
Phosphorus	3 775 mg
Sodium	3 107 mg
Potassium	9 891 mg
Magnesium	308 mg
Manganese	4.2 mg
Iron	34 mg
Copper	2.0 mg
Zinc	13 mg
Chlorine	4 894 mg

VITAMINS

	END PRODUCT
Vitamin A	5 865 IU
Vitamin D3	1 650 IU
Vitamin E	111 IU
Vitamin K3	8.1 mg
Vitamin B1	7.9 mg
Vitamin B2	7.6 mg
Vitamin B3	45 mg
Vitamin B5	21 mg
Vitamin B6	9.2 mg
Vitamin B9	2.6 mg
Vitamin B12	0.033 mg
Biotin	0.26 mg

SUGARS

Glucose	< 0.5 %
Sucrose	10 %

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