

SAFE® U8959 Version 161

Definition

Lieber Decarli 1982 - Poudre
Proteins controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.



SAFE® U8959 Version 161

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 | Powder Or Paste |
| Crushing resistance | - kgf/cm ² |
| Abrasion resistance | - % |
| Specific mass | ~ 400 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® U8959 v. 161* | 2kg | Bucket, Vacuum packed and boxed | Min. 10 kGy, Min. 25 kGy |
| SAFE® U8959 v. 161* | 1kg | Bucket, Vacuum packed and boxed | Min. 25 kGy |

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Ingredients

Dextrose, casein, crude cellulose, pre-mixture of minerals PM AIN 93M_G 3,5%, xanthan, pre-mixture of vitamins PV AIN 93M_G 1%, choline bitartrate, L-cystine, DLmethionine.

Theoretical Calculated Values

TOTAL PER KG

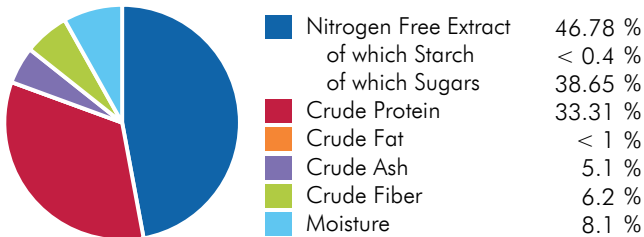
AMINO ACIDS

| | | | |
|----------|-----------|------------|-----------|
| Arginine | 12 974 mg | Methionine | 13 587 mg |
| Cystine | 6 726 mg | Tryptophan | 4 007 mg |
| Lysine | 28 238 mg | Glycine | 6 487 mg |

CENTESIMAL COMPOSITION

| | |
|---------------------|---------|
| Animal Proteins | 38.16 % |
| Vitamins & Minerals | 9.4 % |
| Forages & Fibers | 12.1 % |
| Amino Acids | 0.88 % |
| Carbon Hydrates | 39.48 % |

NUTRITIONAL COMPOSITION



ENERGY CONTENT

| | MJ/kg | kcal/kg | % |
|----------------------|-------|---------|------|
| ME Pig | 14.1 | 3358.8 | |
| ME Atwater | 13.6 | 3259.4 | |
| Energy from proteins | 5.6 | 1332.3 | 40.9 |
| Energy from lipids | 0.23 | 55.9 | 1.7 |
| Energy from NFE | 7.8 | 1871.2 | 57.4 |

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

MINERALS

| | END PRODUCT |
|------------|-------------|
| Calcium | 9 322 mg |
| Phosphorus | 4 921 mg |
| Sodium | 1 962 mg |
| Potassium | 6 896 mg |
| Magnesium | 1 205 mg |
| Manganese | 22 mg |
| Iron | 102 mg |
| Copper | 12 mg |
| Zinc | 82 mg |
| Chlorine | 2 668 mg |

VITAMINS

| | END PRODUCT |
|-------------|-------------|
| Vitamin A | 8 800 IU |
| Vitamin D3 | 2 750 IU |
| Vitamin E | 173 IU |
| Vitamin K3 | 14 mg |
| Vitamin B1 | 13 mg |
| Vitamin B2 | 13 mg |
| Vitamin B3 | 76 mg |
| Vitamin B5 | 34 mg |
| Vitamin B6 | 15 mg |
| Vitamin B9 | 4.5 mg |
| Vitamin B12 | 0.055 mg |
| Biotin | 0.44 mg |
| Choline | 2 391 mg |

SUGARS

| | | | |
|---------|-------|---------|---------|
| Glucose | 32 % | Lactose | < 0.5 % |
| Sucrose | 3.3 % | | |

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