

Irradiated Lab Rat and Mouse Breeding Diet

Page 1/2

Description

Irradiated Lab Rat and Mouse Breeding Diet is a complete life cycle diet formulated to meet the nutritional requirements of breeding and lactation of lab rats and mice. This is formulated using constant formulation, delivering comprehensive nutrition, ensuring the stability of the experimental data. This diet conforms to standards of GB14924.1 *Laboratory animals-General quality standard for formula feeds*, GB14924.2 *Laboratory animals-Hygienic standard for formula feeds*, GB14924.3 *Laboratory animals-Nutrients for formula feeds* and GB13078 *Hygienic standard for feeds*.

Features and Benefits

- 1) This diet has comprehensive nutrition and meet the nutritional requirements of breeding and lactation of lab rats and mice.
- 2) This diet is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.
- 3) The feed formula optimized the amino acid ratio, especially added natural vitamin E, organic zinc and organic selenium to promote the breeding performance of lab rats and mice.

Ingredients

Ground Corn, Wheat, Fish Meal, Chicken Meal, Dehulled Soybean Meal, Brewers Dried Yeast, Soybean Oil, Salt, Stone Powder, Calcium Hydrogen Phosphate, Choline Chloride, DL-Methionine, Vitamin A Acetate, Cholecalciferol (Vitamin D3), DL-Alpha Tocopheryl Acetate (Vitamin E), Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Thiamine Monontrate, Riboflavin, Pyridoxine Hydrochloride, Cobalamin, Nicotinic Acid, D-Calcium Pantothenate, Folic Acid, D-Biotin, Copper Chloride Hydroxide, Ferrous Sulfate, Manganese Sulfate, Zinc Methionine, Selenium Yeast, etc.



The product color shall be subject to the actual object.

Feeding Directions

Feed ad libitum or restricted to rats and mice. Plenty of fresh, clean water should be available to the animals at all times.

Guaranteed Analysis

Moisture not more than	100g/kg
Crude protein not less than	200g/kg
Crude fat not less than	40g/kg
Crude fiber not more than	50g/kg
Ash not more than	80g/kg
Calcium.....	10~18g/kg
Phosphorus.....	6~12g/kg
Ca:P	1.2:1~1.7:1

Product Forms

Shape	Cylinder pellet
Diameter	12mm
Length	2-4cm

Product Specifications

SPF level (Irradiated sterilization)	2kg*10 bag / box
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Irradiated Lab Rat and Mouse Breeding Diet

Page 2/2

Nutrients

Amino Acids

Lysine, g/kg	14.1
Methionine+Cystine, g/kg	8.8
Arginine, g/kg	14.1
Histidine, g/kg	5.9
Tryptophan, g/kg	2.9
Phenylalanine+Tyrosine, g/kg	15.3
Threonine, g/kg	9.3
Leucine, g/kg	17.8
Isoleucine, /kg	10.9
Valine, g/kg	11.8

Vitamins

Vitamin A, IU/kg	21974
Vitamin D, IU/kg	2923
Vitamin E, IU/kg	218
Vitamin K, mg/kg	9.2
Vitamin B1, mg/kg	23.5
Vitamin B2, mg/kg	21
Vitamin B6, mg/kg	20.3
Vitamin B12, mg/kg	0.041
Niacin, mg/kg	115
Pantothenic Acid, mg/kg	47
Folic Acid, mg/kg	11
Biotin, mg/kg	0.39
Total choline, mg/kg	2273
Vitamin C, mg/kg	-

Minerals

Magnesium, g/kg	2.6
Potassium, g/kg	7.1
Sodium, g/kg	2.5
Iron, mg/kg	229
Manganese, mg/kg	107
Copper, mg/kg	17
Zinc, mg/kg	59.2
Iodine, mg/kg	0.75
Selenium, mg/kg	0.19

Energy

Gross Energy, Kcal/kg	3822
Physiological Fuel Value, Kcal/kg	3422

Calories provided by

Protein, %	25.1
Fat (ether extract), %	11.3
Carbohydrates, %	63.6

Note: Physiological Fuel Value (kcal/kg) =Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) *4, 9, 4 kcal/gm respectively.

* Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly.