

# Irradiated Immunodeficient Lab Rat and Mouse Diet

Page 1/2

## Description

This diet is designed according to the characteristics of immunodeficient mice and the nutritional needs of each stage. Using high quality raw materials and mature production technology to assure minimal inherent biological variation in long-term studies. This diet is suitable for the whole stage of immuno-deficient Lab Rats and mice.

This product implementation standard is Enterprise standard of Jiangsu Xietong Pharmaceutical Bio-engineering Co., LTD, Q/320115XT14-2023 *Laboratory animals-Laboratory rats and mice formula feed II*.

## Features and Benefits

- 1) Optimizing the formula ratio and scientifically setting the high protein and nutrition, meets the nutrient requirements for maintenance, breeding and lactation of immunodeficient Lab Rats and mice.
- 2) The feedstuffs extruded to eliminate antinutritional factors, and then granulated to effectively protect heat sensitive vitamins.
- 3) Use lactoprotein to replace part of the raw material protein, it is easier to digest and absorb, safer and more hygienic.
- 4) This diet did not affect the immune characteristics of lab rats and mice.
- 5) It can effectively kill bacteria, parasites and other pathogenic microorganisms after irradiation sterilization, and meet the health requirements of SPF lab rats and mice.

## Ingredients

Ground Corn, Wheat Bran, Milk Powder, Fish Meal, Chicken Meal, Dehulled Soybean Meal, Soybean Oil, Salt, Stone Powder, Calcium Hydrogen Phosphate, Choline Chloride, DLMethionine, Vitamin A Acetate, Cholecalciferol (Vitamin D3),DLAlpha Tocopheryl Acetate (Vitamin E),Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Thiamine Monontrate, Riboflavin, Pyridoxine Hydrochloride, Cobalamin, Nicotinic Acid, DCalcium 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 to rats and mice. Provide plenty of fresh clean water at all times.

## Product Forms

Shape	Cylinder Pellet
Diameter	12 mm
Length	2-4cm

## Product Specifications

Vacuum Packaging	2kg / bag; 20kg / box
Nitrogen-filled Packaging	5kg / bag; 20kg / box

## Guaranteed Analysis

Moisture not more than .....	100g/kg
Crude protein not less than .....	220g/kg
Crude fat not less than .....	40g/kg
Crude fiber not more than .....	50g/kg
Ash not mor than .....	80g/kg
Calcium .....	10~18g/kg
Phosphorus .....	6~12g/kg
Ca:P .....	1.2:1~1.7:1

# Irradiated Immunodeficient Lab Rat and Mouse Diet

Page 2/2

## Nutrients

### Amino Acids

Lysine, g/kg	14.9
Methionine+Cystine, g/kg	8.5
Arginine, g/kg	14.7
Histidine, g/kg	5.2
Tryptophan, g/kg	2.8
Phenylalanine+Tyrosine, g/kg	17.2
Threonine, g/kg	9.2
Leucine, g/kg	18.2
Isoleucine, /kg	11
Valine, g/kg	10.3

### Vitamins

Vitamin A, IU/kg	18100
Vitamin D, IU/kg	2600
Vitamin E, IU/kg	192
Vitamin K, mg/kg	10.6
Vitamin B1, mg/kg	32.6
Vitamin B2, mg/kg	17
Vitamin B6, mg/kg	17
Vitamin B12, mg/kg	0.055
Niacin, mg/kg	150
Pantothenic Acid, mg/kg	31.6
Biotin, mg/kg	0.43
Total choline, mg/kg	2040
Folic Acid, mg/kg	8.14

### Minerals

Magnesium, g/kg	3.5
Potassium, g/kg	8.45
Sodium, g/kg	3.16
Iron, mg/kg	278
Manganese, mg/kg	201
Copper, mg/kg	17
Zinc, mg/kg	121
Iodine, mg/kg	2.49
Selenium, mg/kg	0.28

### Energy

Gross Energy, Kcal/kg	3958
Physiological Fuel Value, Kcal/kg	3527

### Calories provided by

Protein, %	25.1
Fat (ether extract), %	16.1
Carbohydrates, %	58.8

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.