Mouse Diet 5015

DESCRIPTION

Mouse Diet is a high-energy diet formulated with 11% fat. It is specifically designed to support reproduction, growth, and maintenance of mice. Mouse Diet is beneficial in maintaining maximum reproduction for postpartum mating where females are under simultaneous stress of lactation and gestation. This diet is a complete life cycle diet formulated using managed formulation, delivering Constant Nutrition®. This is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

Features and Benefits

- Managed Formulation delivers Constant Nutrition®
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- A high-energy diet helps maintain maximum reproduction for postpartum mating
- Can be fed to mice with low feed intake to improve performance

Product Forms Available	*Catalog #*
• Oval pellet, 3/8" x 5/8" x 1", 50 lb	0001328
• Meal (ground pellets)	**0005309
Irradiated Versions Available	***Catalog #***
• 5LJ5: PicoLab® High Energy Mouse Diet, Irradiated, 30 lb	3005992-220
• 5LP1: Pico-Vac® High Energy Mouse Diet, Irradiated 5 lb vacuum sealed, 6 per box (30 lb box)	0055212

* For ordering, contact info@LabDiet.com

GUARANTEED ANALYSIS

Crude protein not less than	17.00%
Crude fat not less than	11.00%
Crude fiber not more than	3.00%
Moisture not more than	12.00%
Ash not more than	6.50%

INGREDIENTS

Ground Wheat, Dehulled Soybean Meal, Ground Corn, Wheat Germ, Brewers Dried Yeast, Porcine Animal Fat Preserved with BHA and BHT and Citric Acid, Condensed Whey, Condensed Whey Solubles, Calcium Carbonate, Soybean Oil, Dried Whey Protein Concentrate, Salt, Mono and Diglycerides of Edible Fats, Dicalcium Phosphate, DL-Methionine, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Choline Chloride, Pyridoxine Hydrochloride, Cholecalciferol (Vitamin D3), Vitamin A Acetate, Manganous Oxide, DL-Alpha Tocopheryl Acetate (Vitamin E), Zinc Oxide, Folic Acid, Ferrous Carbonate, Vitamin B12 Supplement, Ferrous Sulfate, Thiamine Mononitrate, Calcium Pantothenate, Copper Sulfate, Nicotinic Acid, Riboflavin Supplement, Zinc Sulfate, Calcium Iodate, Cobalt Carbonate, Sodium Selenite, Biotin.

FEEDING DIRECTIONS

Mouse Diet should be fed to breeders and lactating females on a free-choice basis. Plenty of fresh, clean water should be available to the animals at all times.

Mice-Adult mice will eat up to 5 grams of pelleted ration daily. Some of the larger strains may eat as much as 8 grams per day per animal. Feed should be available on a free choice basis in wire feeders above the floor of the cage.

For information regarding shelf life please visit www.labdiet.com.

CHEMICAL COMPOSITION[1]

Nutrients[2]

Protein, %	**19.0**
Arginine, %	1.16
Cystine, %	0.37
Glycine, %	0.81
Histidine, %	0.47
Isoleucine, %	0.85
Leucine, %	1.43
Lysine, %	1.05
Methionine, %	0.61
Phenylalanine, %	0.87
Tyrosine, %	0.55
Threonine, %	0.72
Tryptophan, %	0.24
Valine, %	0.90
Serine, %	1.01
Aspartic Acid, %	2.04
Glutamic Acid, %	4.18
Alanine, %	1.00
Proline, %	1.30
Taurine, %	0.00
Fat (ether extract), %	**11.1**
Fat (acid hydrolysis), %	**12.0**
Cholesterol, ppm	31
Linoleic Acid, %	2.08
Linolenic Acid, %	0.16
Arachidonic Acid, %	0.03
Omega-3 Fatty Acids, %	0.21
Total Saturated Fatty Acids, %	3.70
Total Monounsaturated Fatty Acids, %	3.95
Fiber (Crude), %	**2.3**
Neutral Detergent Fiber[3], %	10.1
Acid Detergent Fiber[4], %	2.9
Nitrogen-Free Extract (by difference), %	**51.7**
Starch, %	33.5
Sucrose, %	0.90
Total Digestible Nutrients,%	**85.2**
Gross Energy, kcal/gm	**4.74**
Physiological Fuel Value[5], kcal/gm	**3.83**
Metabolizable Energy, kcal/gm	**3.58**

Minerals

Ash, %	**5.8**
Calcium, %	0.80
Phosphorus, %	0.50
Phosphorus (non-phytate), %	0.25
Potassium, %	0.80
Magnesium, %	0.15
Sulfur, %	0.25
Sodium, %	0.43
Chloride, %	0.70
Fluorine, ppm	8.4
Iron, ppm	170
Zinc, ppm	110
Manganese, ppm	120
Copper, ppm	17
Cobalt, ppm	0.63
Iodine, ppm	1.45
Chromium (added), ppm	0.02
Selenium, ppm	0.30

Vitamins

Carotene, ppm	0.2
Vitamin K, ppm	3.0
Thiamin, ppm	12.5
Riboflavin, ppm	5.5
Niacin, ppm	75
Pantothenic Acid, ppm	20
Choline, ppm	1500
Folic Acid, ppm	2.9
Pyridoxine, ppm	9.6
Biotin, ppm	0.30
B_{12}, mcg/kg	51
Vitamin A, IU/gm	18
Vitamin D_3 (added), IU/gm	3.3
Vitamin E, IU/kg	66
Ascorbic Acid, mg/gm	0.00

Calories provided by:

Protein, %	19.896
Fat (ether extract), %	26.088
Carbohydrates, %	54.016

1. 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.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemi-cellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbo- hydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.

NOTE: When assayed, actual levels may vary from calculated values.

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