

DESCRIPTION

Laboratory Rodent Diet is recommended for rats, mice, hamsters and gerbils. 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. It is formulated for life-cycle nutrition; however, it is not designed for maximizing production in mouse breeding colonies. This product has been the standard of biomedical research for over 70 years.

Features and Benefits

- [Managed Formulation delivers Constant Nutrition®](#)
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- Formulated for multiple species for single product inventory
- The rodent diet standard for biomedical research

Product Forms Available

- Oval pellet, 3/8" x 5/8" x 1" Catalog # 0001319
- Meal (ground pellets) 0001320

Other Versions Available

- 5L0D PicoLab® Laboratory Rodent Diet Catalog # 0067137

GUARANTEED ANALYSIS

| | |
|-----------------------------|--------|
| Crude protein not less than | 23.00% |
| Crude fat not less than | 4.50% |
| Crude fiber not more than | 6.00% |
| Moisture not more than | 12.00% |
| Ash not more than | 8.00% |

INGREDIENTS

Ground Corn, Dehulled Soybean Meal, Dried Plain Beet Pulp, Fish Meal, Ground Oats, Dehydrated Alfalfa Meal, Brewers Dried Yeast, Cane Molasses, Wheat Germ, Dried Whey, Porcine Animal Fat Preserved with BHA and Citric Acid, Porcine Meat and Bone Meal, Wheat Middlings, Salt, Calcium Carbonate, DL-Methionine, Choline Chloride, Vitamin D3 Supplement, Folic Acid, Vitamin A Acetate, Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K), Pyridoxine Hydrochloride, Biotin, Thiamine Mononitrate, Nicotinic Acid, Calcium Pantothenate, Vitamin E Supplement, Vitamin B-12 Supplement, Riboflavin Supplement, Ferrous Sulfate, Manganous Oxide, Zinc Oxide, Ferrous Carbonate, Copper Sulfate, Zinc Sulfate, Calcium Iodate, Cobalt Carbonate, Sodium Selenite.

FEEDING DIRECTIONS

Feed ad libitum to rodents. Plenty of fresh, clean water should be available to the animals at all times.

Rats- All rats will eat varying amounts of feed depending on their genetic origin. Larger strains will eat up to 30 grams per day. Smaller strains will eat up to 15 grams per day. Feeders in rat cages should be designed to hold two to three days supply of feed at one time.

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.

Hamsters- Adults will eat up to 14 grams per day.

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

CHEMICAL COMPOSITION¹

| | | |
|---|--|---|
| Nutrients² | | Iron, ppm 240 |
| Protein, % 24.1 | | Zinc, ppm 76 |
| Arginine, % 1.52 | | Manganese, ppm 70 |
| Cystine, % 0.38 | | Copper, ppm 13 |
| Glycine, % 1.24 | | Cobalt, ppm 0.91 |
| Histidine, % 0.60 | | Iodine, ppm 0.99 |
| Isoleucine, % 1.03 | | Chromium (added), ppm 0.01 |
| Leucine, % 1.82 | | Selenium, ppm 0.41 |
| Lysine, % 1.44 | | |
| Methionine, % 0.60 | | Vitamins |
| Phenylalanine, % 1.07 | | Carotene, ppm 2.3 |
| Tyrosine, % 0.74 | | Vitamin K, ppm 1.3 |
| Threonine, % 0.94 | | Thiamin, ppm 16 |
| Tryptophan, % 0.27 | | Riboflavin, ppm 4.7 |
| Valine, % 1.12 | | Niacin, ppm 130 |
| Serine, % 1.14 | | Pantothenic Acid, ppm 24 |
| Aspartic Acid, % 2.73 | | Choline Chloride, ppm 2250 |
| Glutamic Acid, % 4.64 | | Folic Acid, ppm 7.1 |
| Alanine, % 1.42 | | Pyridoxine, ppm 6.1 |
| Proline, % 1.44 | | Biotin, ppm 0.30 |
| Taurine, % 0.03 | | B ₁₂ , mcg/kg 51 |
| Fat (ether extract), % 5.0 | | Vitamin A, IU/gm 18 |
| Fat (acid hydrolysis), % 6.4 | | Vitamin D ₃ (added), IU/gm 4.6 |
| Cholesterol, ppm 201 | | Vitamin E, IU/kg 42 |
| Linoleic Acid, % 1.17 | | Ascorbic Acid, mg/gm 0.0 |
| Linolenic Acid, % 0.12 | | |
| Arachidonic Acid, % 0.02 | | Calories provided by: |
| Omega-3 Fatty Acids, % 0.34 | | Protein, % 28.672 |
| Total Saturated Fatty Acids, % 1.41 | | Fat (ether extract), % 13.384 |
| Total Monounsaturated | | Carbohydrates, % 57.944 |
| Fatty Acids, % 1.50 | | *Product Code |
| Fiber (Crude), % 5.2 | | 1. Formulation based on calculated |
| Neutral Detergent Fiber ³ , % 16.7 | | values from the latest ingredient |
| Acid Detergent Fiber ⁴ , % 6.6 | | analysis information. Since nutrient |
| Nitrogen-Free Extract | | composition of natural ingredients |
| (by difference), % 48.7 | | varies and some nutrient loss will |
| Starch, % 21.9 | | occur due to manufacturing process- |
| Sucrose, % 3.15 | | es, analysis will differ accordingly. |
| Total Digestible Nutrients, % 73.7 | | 2. Nutrients expressed as percent of |
| Gross Energy, kcal/gm 4.09 | | ration except where otherwise indi- |
| Physiological Fuel Value⁵, | | cated. Moisture content is assumed |
| kcal/gm 3.36 | | to be 10.0% for the purpose of |
| Metabolizable Energy, | | calculations. |
| kcal/gm 2.89 | | 3. NDF = approximately cellulose, |
| | | hemi-cellulose and lignin. |
| Minerals | | 4. ADF = approximately cellulose |
| Ash, % 6.9 | | and lignin. |
| Calcium, % 0.95 | | 5. Physiological Fuel Value (kcal/ |
| Phosphorus, % 0.68 | | gm) = Sum of decimal fractions of |
| Phosphorus (non-phytate), % 0.42 | | protein, fat and carbo- hydrate (use |
| Potassium, % 1.21 | | Nitrogen Free Extract) x 4,9,4 kcal/ |
| Magnesium, % 0.21 | | gm respectively. |
| Sulfur, % 0.33 | | NOTE: When assayed, actual |
| Sodium, % 0.39 | | levels may vary from calculated |
| Chloride, % 0.64 | | values. |
| Fluorine, ppm 15 | | |