

DESCRIPTION

Rat Diet is designed to support reproduction, lactation, growth and maintenance of rats. 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®](#)
- Highly digestible formula for rats
- High quality animal protein added to create a superior balance of amino acids for optimum performance

Product Forms Available

- Oval pellet, 3/8" x 5/8" x 1", 50 lb
- Meal (ground pellets), 50 lb

Catalog

0001327
0006526

GUARANTEED ANALYSIS

Crude protein not less than	22.00%
Crude fat not less than	4.00%
Crude fiber not more than	5.00%
Moisture not more than	12.00%

INGREDIENTS

Ground Corn, Dehulled Soybean Meal, Fish Meal, Wheat Middlings, Cane Molasses, Dehydrated Alfalfa Meal, Soybean Oil, Ground Oats, Wheat Germ, Dried Plain Beet Pulp, Brewers Dried Yeast, Dicalcium Phosphate, Calcium Carbonate, Salt, DL-Methionine, Choline Chloride, Cholecalciferol (Vitamin D₃), Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Pyridoxine Hydrochloride, Vitamin A Acetate, Thiamine Mononitrate, Manganous Oxide, Vitamin B12 Supplement, DL-Alpha Tocopheryl Acetate (Vitamin E), Zinc Oxide, Ferrous Carbonate, Nicotinic Acid, Copper Sulfate, Calcium Pantothenate, Riboflavin Supplement, Zinc Sulfate, Calcium Iodate, Cobalt Carbonate, Biotin.

FEEDING DIRECTIONS

Provide feeders large enough to hold two to three days supply of Rat Diet at any time. Arrange feeders so that animals cannot contaminate feed with feces. Keep plenty of clean, fresh water 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.

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

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	24.5
Arginine, %	1.59
Cystine, %	0.41
Glycine, %	1.20
Histidine, %	0.63
Isoleucine, %	1.04
Leucine, %	1.90
Lysine, %	1.46
Methionine, %	0.57
Phenylalanine, %	1.11
Tyrosine, %	0.75
Threonine, %	0.94
Tryptophan, %	0.28
Valine, %	1.13
Serine, %	1.20
Aspartic Acid, %	2.74
Glutamic Acid, %	4.95
Alanine, %	1.41
Proline, %	1.50
Taurine, %	0.03

Fat (ether extract), %	5.0
Fat (acid hydrolysis), %	6.5
Cholesterol, ppm	169
Linoleic Acid, %	2.26
Linolenic Acid, %	0.27
Arachidonic Acid, %	0.02
Omega-3 Fatty Acids, %	0.48
Total Saturated Fatty Acids, %	0.76
Total Monounsaturated Fatty Acids, %	0.95
Fiber (Crude), %	3.8
Neutral Detergent Fiber ³ , %	13.2
Acid Detergent Fiber ⁴ , %	5.0

Nitrogen-Free Extract (by difference), %	50.0
Starch, %	26.7
Sucrose, %	3.22
Total Digestible Nutrients, %	75.7
Gross Energy, kcal/gm	4.17
Physiological Fuel Value⁵, kcal/gm	3.43
Metabolizable Energy, kcal/gm	3.03

Minerals	
Ash, %	6.7
Calcium, %	0.95
Phosphorus, %	0.74
Phosphorus (non-phytate), %	0.46
Potassium, %	1.17
Magnesium, %	0.20
Sulfur, %	0.30
Sodium, %	0.28
Chloride, %	0.52
Fluorine, ppm	22

Iron, ppm	250
Zinc, ppm	78
Manganese, ppm	76
Copper, ppm	13
Cobalt, ppm	0.65
Iodine, ppm	1.0
Chromium (added), ppm	0.01
Selenium, ppm	0.40

Vitamins

Carotene, ppm	1.8
Vitamin K, ppm	1.3
Thiamin, ppm	12
Riboflavin, ppm	4.6
Niacin, ppm	80
Pantothenic Acid, ppm	13
Choline, ppm	1580
Folic Acid, ppm	1.0
Pyridoxine, ppm	6.5
Biotin, ppm	0.30
B ₁₂ , mcg/kg	51
Vitamin A, IU/gm	12
Vitamin D ₃ (added), IU/gm	3.4
Vitamin E, IU/kg	35
Ascorbic Acid, mg/gm	0.0

Calories provided by:

Protein, %	28.558
Fat (ether extract), %	13.124
Carbohydrates, %	58.318

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, hemicellulose and lignin.

4. ADF = approximately cellulose and lignin.

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

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