

DESCRIPTION

Prolab[®] Rat/Mouse/Hamster 2000 is a Constant Nutrition[®], high energy diet, specifically formulated to meet the nutritional needs of high stress, critical energy inbred and hypertensive rodents. A complete life-cycle diet that supports reproduction, growth and maintenance of mice, rats and hamster. This diet is formulated using the unique and innovative concept of Constant Nutrition[®], paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

Features and Benefits

- Constant Nutrition[®] formula helps minimize nutritional variables
- Specially formulated to meet the nutritional requirements of mice and other rodents
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- High energy diet containing 9.0% fat
- Recommended for rodents during intensive reproduction, lactation and growth cycles

Product Forms Available

- Oval pellet, 10 mm x 16 mm x 25 mm length (3/8"x5/8"x1")

GUARANTEED ANALYSIS

Crude protein not less than	18.0%
Crude fat not less than	9.0%
Crude fiber not more than	4.0%
Ash not more than	8.0%

INGREDIENTS

Ground wheat, wheat middlings, dried whey, dehulled soybean meal, soybean oil, porcine meat meal, fish meal, dehydrated alfalfa meal, casein, brewers dried yeast, salt, dicalcium phosphate, monocalcium phosphate, DL-methionine, calcium carbonate, choline chloride, magnesium oxide, ferrous sulfate, pyridoxine hydrochloride, menadione dimethylpyrimidinol bisulfite, vitamin A acetate, cholecalciferol, biotin, dl-alpha tocopheryl acetate, vitamin B₁₂ supplement, riboflavin, zinc oxide, thiamin mononitrate, calcium pantothenate, folic acid, nicotinic acid, manganous oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

FEEDING DIRECTIONS

This high-energy diet is formulated especially as a stress diet for in-bred and hypertensive rodents. It is recommended for rodents during intensive reproduction, lactation, and growth cycles. This diet should be fed free choice in a self-feeder.

Keep constant supply of fresh water available.

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.

Important: A feeding program is only as effective as the management practices followed.

Caution: Store in a dry, well ventilated area, free of pests and insects. Do not use moldy or insect-infested feed.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	19.9
Arginine, %	1.10
Cystine, %	0.27
Glycine, %	1.12
Histidine, %	0.43
Isoleucine, %	0.92
Leucine, %	1.45
Lysine, %	1.03
Methionine, %	0.33
Phenylalanine, %	0.82
Tyrosine, %	0.52
Threonine, %	0.72
Tryptophan, %	0.25
Valine, %	0.98
Serine, %	0.98
Aspartic Acid, %	1.78
Glutamic Acid, %	4.68
Alanine, %	0.93
Proline, %	1.66
Taurine, %	0.01

Fat (ether extract), % .9.6

Fat (acid hydrolysis), % .10.4

Cholesterol, ppm .78

Linoleic Acid, % .4.93

Linolenic Acid, % .0.70

Arachidonic Acid, % .0.00

Omega-3 Fatty Acids, % .0.76

Total Saturated Fatty Acids, % .1.82

Total Monounsaturated

Fatty Acids, % .2.12

Fiber (Crude), % .3.2

Neutral Detergent Fiber³, % .12.3

Acid Detergent Fiber⁴, % .4.4

Nitrogen-Free Extract

(by difference), % .50.8

Starch, % .25.7

Glucose, % .0.0

Fructose, % .0.1

Sucrose, % .0.6

Lactose, % .9.0

Total Digestible Nutrients, % .85.9

Gross Energy, kcal/gm .4.27

Physiological Fuel Value⁵,

kcal/gm .3.69

Metabolizable Energy,

kcal/gm .3.52

Minerals

Ash, % .6.5

Calcium, % .0.80

Phosphorus, % .0.81

Phosphorus (non-phytate), % .0.59

Potassium, % .1.08

Magnesium, % .0.23

Sulfur, % .0.32

Sodium, % .0.48

Chlorine, % .0.75

Fluorine, ppm .22

Iron, ppm .440

Zinc, ppm .150

Manganese, ppm .120

Copper, ppm .15

Cobalt, ppm .0.37

Iodine, ppm .1.4

Chromium, ppm .1.0

Selenium, ppm .0.14

Vitamins

Carotene, ppm .2.0

Vitamin K (as menadione), ppm .1.3

Thiamin Hydrochloride, ppm .7.9

Riboflavin, ppm .12

Niacin, ppm .54

Pantothenic Acid, ppm .16

Choline Chloride, ppm .1800

Folic Acid, ppm .0.90

Pyridoxine, ppm .5.4

Biotin, ppm .0.29

B₁₂, mcg/kg .51

Vitamin A, IU/gm .19

Vitamin D₃ (added), IU/gm .1.5

Vitamin E, IU/kg .49

Ascorbic Acid, mg/gm .—

Calories provided by:

Protein, % .21.560

Fat (ether extract), % .23.402

Carbohydrates, % .55.038

*Product Code

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.