

DESCRIPTION

Certified Rodent Diet is a Constant Nutrition™ formulation that has yielded highly favorable results for the maintenance, growth and reproduction of rats and mice. It has been developed as a complete life-cycle diet that can also be used by breeders to assure animals do not develop undesirable tissue residues of contaminants. A sample of this product will have been assayed prior to shipment.

Features and Benefits

- Each package is assayed for environmental contaminants prior to shipment
- Preanalysis monitoring assures maximum diet control
- Fulfills GLP requirements

Product Forms Available

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

GUARANTEED ANALYSIS

Crude protein not less than	20.0%
Crude fat not less than	4.5%
Crude fiber not more than	5.5%
Ash not more than	7.0%

INGREDIENTS

Ground corn, dehulled soybean meal, ground wheat, fish meal, wheat middlings, brewers dried yeast, cane molasses, wheat germ, dried beet pulp, dehydrated alfalfa meal, ground oats, soybean oil, dried whey, ground soybean hulls, calcium carbonate, casein, salt, choline chloride, DL-methionine, dicalcium phosphate, monocalcium phosphate, cholecalciferol, menadione dimethylpyrimidinol bisulfite (vitamin K), vitamin A acetate, pyridoxine hydrochloride, biotin, dl-alpha tocopheryl acetate, folic acid, thiamin mononitrate, cyanocobalamin, nicotinic acid, calcium pantothenate, riboflavin, 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 between 15-30 grams per day. Smaller strains will eat between 12-15 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 4 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 10 to 14 grams per day.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	20.7
Arginine, %	1.17
Cystine, %	0.28
Glycine, %	0.92
Histidine, %	0.51
Isoleucine, %	0.99
Leucine, %	1.62
Lysine, %	1.18
Methionine, %	0.43
Phenylalanine, %	0.91
Tyrosine, %	0.61
Threonine, %	0.78
Tryptophan, %	0.26
Valine, %	1.03
Serine, %	1.04
Aspartic Acid, %	2.30
Glutamic Acid, %	4.14
Alanine, %	1.24
Proline, %	1.42
Taurine, %	0.02

Fat (ether extract), % .5.0

Fat (acid hydrolysis), % .5.5

Cholesterol, ppm	140
Linoleic Acid, %	2.16
Linolenic Acid, %	0.24
Arachidonic Acid, %	<0.01
Omega-3 Fatty Acids, %	0.38
Total Saturated Fatty Acids, %	0.96
Total Monounsaturated Fatty Acids, %	1.01

Fiber (Crude), % .4.3

Neutral Detergent Fiber³, % .14.9

Acid Detergent Fiber⁴, % .5.8

Nitrogen-Free Extract

(by difference), % .53.8

Starch, % .36.8

Glucose, % .0.23

Fructose, % .0.28

Sucrose, % .3.20

Lactose, % .1.34

Total Digestible Nutrients, % .77.3

Gross Energy, kcal/gm .4.09

Physiological Fuel Value⁵, kcal/gm .3.43

Metabolizable Energy, kcal/gm .3.11

Minerals

Ash, % .5.9

Calcium, % .0.80

Phosphorus, % .0.58

Phosphorus (non-phytate), % .0.29

Potassium, % .1.00

Magnesium, % .0.20

Sulfur, % .0.27

Sodium, % .0.31

Chlorine, % .0.55

Fluorine, ppm .7.8

Iron, ppm .220

Zinc, ppm .80

Manganese, ppm .74

Copper, ppm .12

Cobalt, ppm .0.93

Iodine, ppm .0.99

Chromium, ppm .0.73

Selenium, ppm .0.30

Vitamins

Carotene, ppm .1.6

Vitamin K (as menadione), ppm .1.3

Thiamin Hydrochloride, ppm .15

Riboflavin, ppm .8.0

Niacin, ppm .90

Pantothenic Acid, ppm .17

Choline Chloride, ppm .2000

Folic Acid, ppm .3.1

Pyridoxine, ppm .6.0

Biotin, ppm .0.30

B₁₂, mcg/kg .51

Vitamin A, IU/gm .15

Vitamin D₃ (added), IU/gm .2.2

Vitamin E, IU/kg .65

Calories provided by:

Protein, % .24.112

Fat (ether extract), % .13.219

Carbohydrates, % .62.669

*Product Code

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, 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 carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.