

## DESCRIPTION

Modified Laboratory Rodent Diet 5001 with 150 PPM Fenbendazole, Irradiated.

Storage conditions are particularly critical to TestDiet(r) products, due to the absence of antioxidants or preservative agents. To provide maximum protection against possible changes during storage, store in a dry, cool location. Storage under refrigeration (2 degrees C) is required. If long term studies are involved, store the diet at -20 degrees C or colder. Be certain to keep in air tight containers.

### Product Forms Available

- Oval pellet (3/8"x5/8"x1")
- Oval pellet (3/8"x5/8"x1")

### Catalog #

47345  
1810129

## INGREDIENTS

Ground corn, dehulled soybean meal, dried beet pulp, fish meal, ground oats, brewers dried yeast, cane molasses, dehydrated alfalfa meal, dried whey, wheat germ, porcine meat meal, wheat middlings, animal fat preserved with BHA, salt, calcium carbonate, choline chloride, cholecalciferol, vitamin A acetate, folic acid, pyridoxine hydrochloride, DL-methionine, thiamin mononitrate, calcium pantothenate, nicotinic acid, dl-alpha tocopheryl acetate, cyanocobalamin, riboflavin, ferrous sulfate, mineral oil, soybean oil, fenbendazole, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate.

## FEEDING DIRECTIONS

Feed ad libitum to rodents. Plenty of fresh, clean water should be available to the animals at all times. Refer to the "Animal Care and Biological Values" section of this manual for detailed feeding directions.

**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 COMPOSITION<sup>1</sup>

### Nutrients<sup>2</sup>

<b>Protein, %</b> . . . . .	<b>23.4</b>
Arginine, % . . . . .	1.38
Cystine, % . . . . .	0.32
Glycine, % . . . . .	1.20
Histidine, % . . . . .	0.55
Isoleucine, % . . . . .	1.18
Leucine, % . . . . .	1.70
Lysine, % . . . . .	1.42
Methionine, % . . . . .	0.43
Phenylalanine, % . . . . .	1.03
Tyrosine, % . . . . .	0.68
Threonine, % . . . . .	0.91
Tryptophan, % . . . . .	0.29
Valine, % . . . . .	1.21
Serine, % . . . . .	1.21
Aspartic Acid, % . . . . .	2.83
Glutamic Acid, % . . . . .	4.54
Alanine, % . . . . .	1.44
Proline, % . . . . .	1.55
Taurine, % . . . . .	0.02
<b>Fat (ether extract), %</b> . . . . .	<b>4.5</b>
<b>Fat (acid hydrolysis), %</b> . . . . .	<b>5.5</b>
Cholesterol, ppm . . . . .	200
Linoleic Acid, % . . . . .	1.16
Linolenic Acid, % . . . . .	0.07
Arachidonic Acid, % . . . . .	<0.01
Omega-3 Fatty Acids, % . . . . .	0.26
Total Saturated Fatty Acids, % . . . . .	1.50
Total Monounsaturated Fatty Acids, % . . . . .	1.58
<b>Fiber (Crude), %</b> . . . . .	<b>5.3</b>
Neutral Detergent Fiber <sup>3</sup> , % . . . . .	14.3
Acid Detergent Fiber <sup>4</sup> , % . . . . .	6.8
<b>Nitrogen-Free Extract (by difference), %</b> . . . . .	<b>49.9</b>
Starch, % . . . . .	31.9
Glucose, % . . . . .	0.23
Fructose, % . . . . .	0.30
Sucrose, % . . . . .	3.68
Lactose, % . . . . .	1.67
<b>Total Digestible Nutrients, %</b> . . . . .	<b>76.0</b>
<b>Gross Energy, kcal/gm</b> . . . . .	<b>4.00</b>
<b>Physiological Fuel Value<sup>5</sup>, kcal/gm</b> . . . . .	<b>3.34</b>
<b>Metabolizable Energy, kcal/gm</b> . . . . .	<b>3.04</b>
<b>Minerals</b>	
<b>Ash, %</b> . . . . .	<b>6.9</b>
Calcium, % . . . . .	0.95
Phosphorus, % . . . . .	0.67
Phosphorus (non-phytate), % . . . . .	0.40
Potassium, % . . . . .	1.10
Magnesium, % . . . . .	0.21

Sulfur, % . . . . .	0.28
Sodium, % . . . . .	0.40
Chlorine, % . . . . .	0.65
Fluorine, ppm . . . . .	18
Iron, ppm . . . . .	270
Zinc, ppm . . . . .	70
Manganese, ppm . . . . .	64
Copper, ppm . . . . .	13
Cobalt, ppm . . . . .	0.6
Iodine, ppm . . . . .	0.8
Chromium, ppm . . . . .	2.0
Selenium, ppm . . . . .	0.27

### Vitamins

Carotene, ppm . . . . .	4.5
Vitamin K (as menadione), ppm . . . . .	0.5
Thiamin Hydrochloride, ppm . . . . .	17
Riboflavin, ppm . . . . .	8.0
Niacin, ppm . . . . .	124
Pantothenic Acid, ppm . . . . .	24
Choline Chloride, ppm . . . . .	2250
Folic Acid, ppm . . . . .	5.9
Pyridoxine, ppm . . . . .	6.0
Biotin, ppm . . . . .	0.2
B <sub>12</sub> , mcg/kg . . . . .	22
Vitamin A, IU/gm . . . . .	22
Vitamin D <sub>3</sub> (added), IU/gm . . . . .	4.5
Vitamin E, IU/kg . . . . .	49
Ascorbic Acid, mg/gm . . . . .	—

### Calories provided by:

Protein, % . . . . .	28.049
Fat (ether extract), % . . . . .	12.137
Carbohydrates, % . . . . .	59.814

### \*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.