

**DESCRIPTION**

Modified LabDiet® Laboratory Rodent diet 5001 with 0.124% sulfadiazine and 0.025% trimethoprim.

Storage conditions are particularly critical to TestDiet® 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° C) is recommended. Maximum shelf life is six months. (If long term studies are involved, storing the diet at -20° C or colder may prolong shelf life.) Be certain to keep in air tight containers.

**Product Forms Available\***

**Catalog #**

1/2" Pellet  
1/2" Pellet, Irradiated

1811233  
1811314

\*Other Forms Available By Request

**INGREDIENTS (%)**

Laboratory Rodent Diet 5001	99.8510
Sulfadiazine	0.1240
Trimethoprim	0.0250

**FEEDING DIRECTIONS**

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

**CAUTION:**

Perishable - store properly upon receipt.

For laboratory animal experimental use only, NOT for human consumption.

4/25/2006

**NUTRITIONAL PROFILE <sup>1</sup>**

**Protein, %**

**23.9**

Arginine, %	1.43
Histidine, %	0.57
Isoleucine, %	1.15
Leucine, %	1.84
Lysine, %	1.43
Methionine, %	0.43
Cystine, %	0.32
Phenylalanine, %	1.05
Tyrosine, %	0.72
Threonine, %	0.92
Tryptophan, %	0.29
Valine, %	1.18
Alanine, %	1.46
Aspartic Acid, %	2.84
Glutamic Acid, %	4.58
Glycine, %	1.22
Proline, %	1.56
Serine, %	1.22
Taurine, %	0.02

**Fat (ether extract), %**

**4.6**

**Fat (acid hydrolysis), %**

**5.6**

Cholesterol, ppm	194
Linoleic Acid, %	1.29
Linolenic Acid, %	0.11
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.18
Total Saturated Fatty Acids, %	1.45
Total Monounsaturated Fatty Acids, %	1.47
Polyunsaturated Fatty Acids, %	0.93

**Fiber (max), %**

**5.4**

Neutral Detergent Fiber <sup>2</sup> , %	15.3
Acid Detergent Fiber <sup>3</sup> , %	6.8

**Nitrogen-Free Extract (by difference), %**

**49.2**

Starch, %	32.78
Glucose, %	0.23
Fructose, %	0.30
Sucrose, %	3.69
Lactose, %	2.01

**Total Digestible Nutrients, %**

**75.5**

**Energy (kcal/g) <sup>4</sup>**

**3.34**

From:	kcal	%
Protein	0.955	28.6
Fat (ether extract)	0.413	12.4
Carbohydrates	1.968	59.0

**Minerals**

<b>Ash, %</b>	<b>6.9</b>
Calcium, %	0.95
Phosphorus, %	0.65
Phosphorus (available), %	0.39
Potassium, %	1.18
Magnesium, %	0.21
Sulfur, %	0.31
Sodium, %	0.39
Chlorine, %	0.65
Fluorine, ppm	16.3
Iron, ppm	269
Zinc, ppm	79
Manganese, ppm	70
Copper, ppm	13
Cobalt, ppm	0.91
Iodine, ppm	1.00
Chromium, ppm	1.23
Selenium, ppm	0.25

**Vitamins**

Carotene, ppm	2.3
Vitamin A, IU/g	22
Vitamin D-3 (added), IU/g	4.5
Vitamin E, IU/kg	46
Vitamin K (as menadione), ppm	0.6
Thiamin Hydrochloride, ppm	16
Riboflavin, ppm	4.5
Niacin, ppm	124
Pantothenic Acid, ppm	24
Folic Acid, ppm	7.2
Pyridoxine, ppm	5.99
Biotin, ppm	0.2
Vitamin B-12, mcg/kg	24
Choline Chloride, ppm	2,247
Ascorbic Acid, ppm	0.0

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analysis will differ accordingly. Nutrients expressed as percent of ration on an As Fed basis except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.  
2. NDF = approximately cellulose, hemicellulose and lignin.  
3. ADF = approximately cellulose and lignin.  
4. Energy (kcal/gm) - Sum of decimal fractions of protein, fat and carbohydrate x 4,9,4 kcal/gm respectively.

