

**DESCRIPTION**

Purified Rodent Diet. Modification based on TestDiet® Basal Diet 5755 with 5% cholesterol.

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 required. If long term studies are involved, store the diet at -20 ° C or colder. Be certain to keep in air tight containers.

| Product Forms Available* | Catalog # |
|--------------------------|-----------|
| 1/2" Pellet              | 58838     |
| Meal, Irradiated         | 7178      |
| Meal                     | 57779     |
| 1/2" Pellet, Irradiated  | 53732     |

\*Other Forms Available By Request

**INGREDIENTS (%)**

|                                       |         |
|---------------------------------------|---------|
| Dextrin                               | 36.6500 |
| Casein - Vitamin Free                 | 21.0000 |
| Sucrose                               | 15.0000 |
| Lard                                  | 10.0000 |
| Cholesterol                           | 5.0000  |
| RP Mineral Mix #10 (adds 1.29% fiber) | 5.0000  |
| Powdered Cellulose                    | 3.0000  |
| RP Vitamin Mix (adds 1.94% sucrose)   | 2.0000  |
| Sodium Cholate                        | 2.0000  |
| Choline Chloride                      | 0.2000  |
| DL-Methionine                         | 0.1500  |

**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>**

|                                      |             |                               |       |
|--------------------------------------|-------------|-------------------------------|-------|
| <b>Protein, %</b>                    | <b>19.0</b> | <b>Minerals</b>               |       |
| Arginine, %                          | 0.73        | Calcium, %                    | 0.60  |
| Histidine, %                         | 0.54        | Phosphorus, %                 | 0.57  |
| Isoleucine, %                        | 1.00        | Phosphorus (available), %     | 0.57  |
| Leucine, %                           | 1.82        | Potassium, %                  | 0.40  |
| Lysine, %                            | 1.53        | Magnesium, %                  | 0.07  |
| Methionine, %                        | 0.69        | Sodium, %                     | 0.32  |
| Cystine, %                           | 0.08        | Chlorine, %                   | 0.24  |
| Phenylalanine, %                     | 1.00        | Fluorine, ppm                 | 5.0   |
| Tyrosine, %                          | 1.06        | Iron, ppm                     | 60    |
| Threonine, %                         | 0.81        | Zinc, ppm                     | 21    |
| Tryptophan, %                        | 0.23        | Manganese, ppm                | 65    |
| Valine, %                            | 1.20        | Copper, ppm                   | 15.0  |
| Alanine, %                           | 0.58        | Cobalt, ppm                   | 3.2   |
| Aspartic Acid, %                     | 1.35        | Iodine, ppm                   | 0.57  |
| Glutamic Acid, %                     | 4.29        | Chromium, ppm                 | 3.0   |
| Glycine, %                           | 0.41        | Molybdenum, ppm               | 0.82  |
| Proline, %                           | 2.47        | Selenium, ppm                 | 0.23  |
| Serine, %                            | 1.16        |                               |       |
| Taurine, %                           | 0.00        | <b>Vitamins</b>               |       |
| <b>Fat, %</b>                        | <b>15.0</b> | Vitamin A, IU/g               | 22.1  |
| Cholesterol, ppm                     | 50,095      | Vitamin D-3 (added), IU/g     | 2.2   |
| Linoleic Acid, %                     | 0.96        | Vitamin E, IU/kg              | 50.1  |
| Linolenic Acid, %                    | 0.04        | Vitamin K (as menadione), ppm | 10.40 |
| Arachidonic Acid, %                  | 0.02        | Thiamin Hydrochloride, ppm    | 20.6  |
| Omega-3 Fatty Acids, %               | 0.04        | Riboflavin, ppm               | 20.0  |
| Total Saturated Fatty Acids, %       | 4.17        | Niacin, ppm                   | 90    |
| Total Monounsaturated Fatty Acids, % | 4.21        | Pantothenic Acid, ppm         | 55    |
|                                      |             | Folic Acid, ppm               | 4.0   |
|                                      |             | Pyridoxine, ppm               | 16.5  |
| <b>Fiber (max), %</b>                | <b>4.3</b>  | Biotin, ppm                   | 0.4   |
|                                      |             | Vitamin B-12, mcg/kg          | 20    |
| <b>Carbohydrates, %</b>              | <b>53.6</b> | Choline Chloride, ppm         | 1,400 |
|                                      |             | Ascorbic Acid, ppm            | 0.0   |
| <b>Energy (kcal/g) <sup>2</sup></b>  | <b>4.26</b> |                               |       |
| <b>From:</b>                         | <b>kcal</b> | <b>%</b>                      |       |
| Protein                              | 0.761       | 17.9                          |       |
| Fat (ether extract)                  | 1.350       | 31.7                          |       |
| Carbohydrates                        | 2.144       | 50.4                          |       |

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.  
 2. Energy (kcal/gm) - Sum of decimal fractions of protein, fat and carbohydrate x 4,9,4 kcal/gm respectively.

