

**DESCRIPTION**

Modification of TestDiet® AIN-76A Semi-Purified Diet, 58B0, with 40% kcal fat, 1.25% cholesterol and 0.5% sodium cholate. Dyed purple. Part of the Clinton/Cybulsky cholesterol series.

58R4 is the recommended control diet.

Intended for rodents in a laboratory setting.

CAUTION: Contains a new animal drug for investigational use only in laboratory research animals or for tests in vitro. Not for use in humans.

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             | 1810022 |
| 1/2" Pellet, Irradiated | 1811890 |

\*Other Forms Available On Request

**INGREDIENTS (%)**

|                                         |         |
|-----------------------------------------|---------|
| Corn Starch                             | 23.5072 |
| Casein - Vitamin Tested                 | 22.1766 |
| Cocoa Butter                            | 17.1869 |
| Sucrose                                 | 12.5298 |
| Maltodextrin                            | 7.8727  |
| Powdered Cellulose                      | 5.5442  |
| Soybean Oil                             | 2.7721  |
| Potassium Citrate, Tribasic Monohydrate | 1.8296  |
| Calcium Phosphate                       | 1.4415  |
| Cholesterol                             | 1.2474  |
| AIN-76A Vitamin Mix                     | 1.1088  |
| Clinton Salt Mix                        | 1.1088  |
| Calcium Carbonate                       | 0.6099  |
| Sodium Cholate                          | 0.4990  |
| L-Cystine                               | 0.3327  |
| Choline Bitartrate                      | 0.2218  |
| FD&C Red No. 40                         | 0.0055  |
| FD&C Blue No. 2                         | 0.0055  |

\*See page 2 for Expanded Ingredient Listings

**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 use only; NOT for human consumption.**

1/6/2023

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

|                   |             |                           |       |
|-------------------|-------------|---------------------------|-------|
| <b>Protein, %</b> | <b>20.1</b> | <b>Minerals</b>           |       |
| Arginine, %       | 0.78        | Calcium, %                | 0.67  |
| Histidine, %      | 0.57        | Phosphorus, %             | 0.51  |
| Isoleucine, %     | 1.06        | Potassium, %              | 0.66  |
| Leucine, %        | 1.92        | Magnesium, %              | 0.06  |
| Lysine, %         | 1.61        | Sodium, %                 | 0.16  |
| Methionine, %     | 0.57        | Chloride, %               | 0.23  |
| Cystine, %        | 0.41        | Fluorine, ppm             | 0.0   |
| Phenylalanine, %  | 1.06        | Iron, ppm                 | 45    |
| Tyrosine, %       | 1.12        | Zinc, ppm                 | 39    |
| Threonine, %      | 0.86        | Manganese, ppm            | 65    |
| Tryptophan, %     | 0.24        | Copper, ppm               | 6.7   |
| Valine, %         | 1.26        | Cobalt, ppm               | 0.0   |
| Alanine, %        | 0.61        | Iodine, ppm               | 0.23  |
| Aspartic Acid, %  | 1.43        | Chromium (added), ppm     | 2.2   |
| Glutamic Acid, %  | 4.53        | Molybdenum, ppm           | 0.00  |
| Glycine, %        | 0.43        | Selenium, ppm             | 0.08  |
| Proline, %        | 2.61        |                           |       |
| Serine, %         | 1.22        | <b>Vitamins</b>           |       |
| Taurine, %        | 0.00        | Vitamin A, IU/g           | 4.4   |
|                   |             | Vitamin D-3 (added), IU/g | 1.1   |
|                   |             | Vitamin E, IU/kg          | 57.7  |
|                   |             | Vitamin K, ppm            | 0.56  |
|                   |             | Thiamin, ppm              | 5.3   |
|                   |             | Riboflavin, ppm           | 7.4   |
|                   |             | Niacin, ppm               | 33    |
|                   |             | Pantothenic Acid, ppm     | 18    |
|                   |             | Folic Acid, ppm           | 2.4   |
|                   |             | Pyridoxine, ppm           | 6.4   |
|                   |             | Biotin, ppm               | 0.2   |
|                   |             | Vitamin B-12, mcg/kg      | 15    |
|                   |             | Choline Chloride, ppm     | 1,109 |
|                   |             | Ascorbic Acid, ppm        | 0.0   |

|                                      |             |  |
|--------------------------------------|-------------|--|
| <b>Fat, %</b>                        | <b>20.0</b> |  |
| Cholesterol, ppm                     | 12,474      |  |
| Linoleic Acid, %                     | 1.90        |  |
| Linolenic Acid, %                    | 0.23        |  |
| Arachidonic Acid, %                  | 0.00        |  |
| Omega-3 Fatty Acids, %               | 0.22        |  |
| Total Saturated Fatty A              | 10.67       |  |
| Total Monounsaturated Fatty Acids, % | 6.24        |  |
| Polyunsaturated Fatty Acids, %       | 2.15        |  |
| <b>Fiber (max), %</b>                | <b>5.6</b>  |  |
| <b>Carbohydrates, %</b>              | <b>45.0</b> |  |

**Energy (kcal/g) <sup>2</sup>**

| From:               | kcal  | %    |
|---------------------|-------|------|
| Protein             | 0.802 | 18.2 |
| Fat (ether extract) | 1.801 | 40.9 |
| Carbohydrates       | 1.800 | 40.9 |

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. 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.

**NOTE: When assayed, actual levels may vary from calculated values.**

**TestDiet**

www.testdiet.com

EXPANDED INGREDIENT LIST

|                     |                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AIN-76A Vitamin Mix | Sucrose, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Nicotinic Acid, Vitamin A Palmitate, Calcium Pantothenate, Pyridoxine Hydrochloride, Riboflavin, Thiamine Hydrochloride, Cholecalciferol, Folic Acid, Vitamin B12, Menadione Sodium Bisulfite (source of vitamin K), Biotin. |
| Clinton Salt Mix    | Sucrose, Sodium Chloride, Magnesium Sulfate, Magnesium Oxide, Ferric Citrate, Manganese Carbonate, Zinc Carbonate, Chromium Potassium Sulfate, Cupric Carbonate, Sodium Selenite, Potassium Iodate                                                                                     |