

DESCRIPTION

Modified TestDiet® AIN-76A Semi-Purified Diet, 58B0, with 58% energy from fat and corn starch as the primary carbohydrate. Dyed purple. Originally manufactured as "D12330". One of four diets in the Surwit Series.

58R0 and 58R1 are recommended control diets.

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 | 58863 |
| 1/2" Pellet, Irradiated | 1812858 |
| Soft Doughy | 1811116 |

*Other Forms Available On Request

| INGREDIENTS (%) | |
|--|---------|
| Hydrogenated Coconut Oil | 33.3467 |
| Casein - Vitamin Tested | 22.7977 |
| Corn Starch | 17.4582 |
| Maltodextrin | 16.9983 |
| AIN-76A Mineral Mix | 3.9996 |
| Soybean Oil | 2.4997 |
| Sodium Bicarbonate | 1.0499 |
| AIN-76A Vitamin Mix | 0.9999 |
| Potassium Citrate, Tribasic Monohydrate | 0.4000 |
| DL-Methionine | 0.2000 |
| Choline Bitartrate | 0.2000 |
| Purple (FD&C Red No. 40 and FD&C Blue No. 2) | 0.0500 |

*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 ¹

| | | | |
|-------------------|-------------|-----------------------|------|
| Protein, % | 20.4 | Minerals | |
| Arginine, % | 0.80 | Calcium, % | 0.60 |
| Histidine, % | 0.59 | Phosphorus, % | 0.64 |
| Isoleucine, % | 1.09 | Potassium, % | 0.56 |
| Leucine, % | 1.97 | Magnesium, % | 0.06 |
| Lysine, % | 1.66 | Sodium, % | 0.42 |
| Methionine, % | 0.79 | Chloride, % | 0.23 |
| Cystine, % | 0.08 | Fluorine, ppm | 0.0 |
| Phenylalanine, % | 1.09 | Iron, ppm | 55 |
| Tyrosine, % | 1.15 | Zinc, ppm | 41 |
| Threonine, % | 0.88 | Manganese, ppm | 67 |
| Tryptophan, % | 0.25 | Copper, ppm | 6.9 |
| Valine, % | 1.30 | Cobalt, ppm | 0.0 |
| Alanine, % | 0.63 | Iodine, ppm | 0.24 |
| Aspartic Acid, % | 1.47 | Chromium (added), ppm | 2.3 |
| Glutamic Acid, % | 4.66 | Molybdenum, ppm | 0.00 |
| Glycine, % | 0.44 | Selenium, ppm | 0.20 |
| Proline, % | 2.69 | | |
| Serine, % | 1.26 | Vitamins | |
| Taurine, % | 0.00 | Vitamin A, IU/g | 4.0 |

| | | | |
|--------------------------------------|-------------|---------------------------|-------|
| Fat, % | 35.9 | Vitamin D-3 (added), IU/g | 1.0 |
| Cholesterol, ppm | 0 | Vitamin E, IU/kg | 52.0 |
| Linoleic Acid, % | 1.28 | Vitamin K, ppm | 0.50 |
| Linolenic Acid, % | 0.19 | Thiamin, ppm | 4.8 |
| Arachidonic Acid, % | 0.00 | Riboflavin, ppm | 6.8 |
| Omega-3 Fatty Acids, % | 0.19 | Niacin, ppm | 30 |
| Total Saturated Fatty A | 31.55 | Pantothenic Acid, ppm | 16 |
| Total Monounsaturated Fatty Acids, % | 0.62 | Folic Acid, ppm | 2.2 |
| Polyunsaturated Fatty Acids, % | 1.47 | Pyridoxine, ppm | 5.8 |
| | | Biotin, ppm | 0.2 |
| Fiber (max), % | 0.0 | Vitamin B-12, mcg/kg | 14 |
| | | Choline Chloride, ppm | 1,000 |
| Carbohydrates, % | 35.0 | Ascorbic Acid, ppm | 0.0 |

Energy (kcal/g) ²

| From: | kcal | % |
|---------------------|-------------|----------|
| Protein | 0.817 | 15.0 |
| Fat (ether extract) | 3.229 | 59.3 |
| Carbohydrates | 1.399 | 25.7 |

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 Mineral Mix | Calcium Phosphate, Potassium Citrate, Tribasic Monohydrate, Sucrose, Sodium Chloride, Potassium Sulfate, Magnesium Oxide, Ferric Citrate, Manganese Carbonate, Zinc Carbonate, Chromium Potassium Sulfate, Cupric Carbonate, Sodium Selenite, Potassium Iodate |
| 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. |