

DESCRIPTION

Modification of TestDiet® AIN-76A Semi-Purified Diet, 58B0, with 42% energy from fat (Milkfat) and 0.2% cholesterol. Also known as Breslow Western Diet. This formula originally manufactured as TD.88137.

5BJP and 5G53 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	1810724
1/2" Pellet, 2 kg VS	1810724-212
1/2" Pellet, Irradiated	1813636

*Other Forms Available On Request

INGREDIENTS (%)	
Sucrose	34.1460
Milk Fat	21.0000
Casein - Vitamin Tested	19.5000
Corn Starch	15.0000
Powdered Cellulose	5.0000
AIN-76A Mineral Mix	3.5000
AIN-76A Vitamin Mix	1.0000
Calcium Carbonate	0.4000
DL-Methionine	0.3000
Cholesterol	0.1500
Ethoxyquin (a preservative)	0.0040

*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.

1/9/2023

NUTRITIONAL PROFILE ¹

Protein, %	17.5	Minerals	
Arginine, %	0.68	Calcium, %	0.68
Histidine, %	0.50	Phosphorus, %	0.56
Isoleucine, %	0.93	Potassium, %	0.36
Leucine, %	1.69	Magnesium, %	0.05
Lysine, %	1.42	Sodium, %	0.11
Methionine, %	0.80	Chloride, %	0.20
Cystine, %	0.07	Fluorine, ppm	0.0
Phenylalanine, %	0.93	Iron, ppm	50
Tyrosine, %	0.99	Zinc, ppm	35
Threonine, %	0.75	Manganese, ppm	59
Tryptophan, %	0.22	Copper, ppm	6.0
Valine, %	1.11	Cobalt, ppm	0.0
Alanine, %	0.54	Iodine, ppm	0.21
Aspartic Acid, %	1.26	Chromium (added), ppm	2.0
Glutamic Acid, %	3.98	Molybdenum, ppm	0.00
Glycine, %	0.38	Selenium, ppm	0.17
Proline, %	2.30		
Serine, %	1.08	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	10.5
		Vitamin D-3 (added), IU/g	1.0
Fat, %	20.0	Vitamin E, IU/kg	50.0
Cholesterol, ppm	2,057	Vitamin K, ppm	0.50
Linoleic Acid, %	0.53	Thiamin, ppm	4.8
Linolenic Acid, %	0.10	Riboflavin, ppm	6.7
Arachidonic Acid, %	0.03	Niacin, ppm	30
Omega-3 Fatty Acids, %	0.21	Pantothenic Acid, ppm	16
Total Saturated Fatty A	12.58	Folic Acid, ppm	2.1
Total Monounsaturated		Pyridoxine, ppm	5.8
Fatty Acids, %	4.60	Biotin, ppm	0.2
Polyunsaturated Fatty Acids, %	0.00	Vitamin B-12, mcg/kg	13
		Choline Chloride, ppm	0
Fiber (max), %	5.0	Ascorbic Acid, ppm	0.0
Carbohydrates, %	50.5		
Energy (kcal/g) ²	4.53		
From:	kcal	%	
Protein	0.702	15.5	
Fat (ether extract)	1.804	39.8	
Carbohydrates	2.022	44.7	

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.

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.