

DESCRIPTION

An "Atkins-type" rodent diet based on AIN-93G, with approximate energy (kcal) from protein 28%, fat 56%, and carbohydrate 16%. (Protein:Fat = 1:2) The amount of micro-nutrients (vitamins & minerals), protein, fiber, and cholesterol per calorie remains the same as the Western diet. Dyed Blue.

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	1810843
1/2" Pellet, Irradiated	1810843-286
Meal	1810851
Meal, Irradiated	1810843-186

*Other Forms Available On Request

INGREDIENTS (%)	
Casein - Vitamin Tested	37.7492
Corn Starch	12.4434
Vegetable Shortening	9.2594
Milk Fat	9.2594
Lard	9.2594
AIN-93G Mineral Premix w/ Fiber	4.3658
Maltodextrin	4.1322
Sucrose	3.1304
Powdered Cellulose	2.7080
Inulin	2.7080
Soybean Oil	1.9445
AIN-93 Vitamin Premix w/ Fiber	1.2552
Corn Oil	0.8333
L-Cystine	0.5662
Choline Bitartrate	0.2166
Cholesterol	0.1625
FD&C Blue No. 2	0.0050
t-Butylhydroquinone	0.0015

*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.

9/3/2019

NUTRITIONAL PROFILE ¹

Protein, %	33.9	Minerals	
Arginine, %	1.32	Calcium, %	0.63
Histidine, %	0.97	Phosphorus, %	0.50
Isoleucine, %	1.81	Potassium, %	0.45
Leucine, %	3.26	Magnesium, %	0.06
Lysine, %	2.74	Sodium, %	0.15
Methionine, %	0.97	Chloride, %	0.24
Cystine, %	0.71	Fluorine, ppm	1.3
Phenylalanine, %	1.81	Iron, ppm	52
Tyrosine, %	1.91	Zinc, ppm	50
Threonine, %	1.46	Manganese, ppm	13
Tryptophan, %	0.42	Copper, ppm	7.5
Valine, %	2.15	Cobalt, ppm	0.0
Alanine, %	1.04	Iodine, ppm	0.26
Aspartic Acid, %	2.43	Chromium (added), ppm	1.2
Glutamic Acid, %	7.71	Molybdenum, ppm	0.19
Glycine, %	0.73	Selenium, ppm	0.31
Proline, %	4.45		
Serine, %	2.08	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	7.9
		Vitamin D-3 (added), IU/g	1.3
Fat, %	30.1	Vitamin E, IU/kg	96.8
Cholesterol, ppm	1,958	Vitamin K, ppm	0.94
Linoleic Acid, %	2.59	Thiamin, ppm	6.0
Linolenic Acid, %	0.24	Riboflavin, ppm	8.9
Arachidonic Acid, %	0.03	Niacin, ppm	38
Omega-3 Fatty Acids, %	0.35	Pantothenic Acid, ppm	21
Total Saturated Fatty A	12.12	Folic Acid, ppm	2.8
Total Monounsaturated		Pyridoxine, ppm	7.3
Fatty Acids, %	9.61	Biotin, ppm	0.3
Polyunsaturated Fatty Acids, %	4.80	Vitamin B-12, mcg/kg	37
		Choline Chloride, ppm	1,083
Fiber (max), %	7.3	Ascorbic Acid, ppm	0.0
Carbohydrates, %	22.1		
Energy (kcal/g) ²	4.95		
From:	kcal	%	
Protein	1.355	27.4	
Fat (ether extract)	2.713	54.8	
Carbohydrates	0.884	17.8	

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-93G Mineral Premix w/ Fiber

Calcium Carbonate, Powdered Cellulose, Potassium Phosphate, Sodium Chloride, Potassium Citrate, Tribasic Monohydrate, Potassium Sulfate, Magnesium Oxide, Ferric Citrate, Zinc Carbonate, Sodium Metasilicate, Manganese Carbonate, Cupric Carbonate, Chromium Potassium Sulfate, Boric Acid, Sodium Fluoride, Nickel Carbonate, Lithium Chloride, Potassium Iodate, Sodium Selenate, Ammonium Molybdate, Ammonium Vanadate

AIN-93 Vitamin Premix w/ Fiber

Powdered Cellulose, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Phylloquinone, Nicotinic Acid, Vitamin A Palmitate, Calcium Pantothenate, Pyridoxine Hydrochloride, Riboflavin, Thiamine Hydrochloride, Vitamin B12, Cholecalciferol, Folic Acid, Biotin
