

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.

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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
Meal	1810851

*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
AIN93G Mineral Mix/Fiber	4.3658
Dextrin	4.1322
Sucrose	3.1304
Powdered Cellulose	2.7080
Inulin	2.7080
Soybean Oil	1.9445
AIN93 Vitamin Mix/Fiber	1.2552
Corn Oil	0.8333
L-Cystine	0.5662
Choline Bitartrate	0.2166
Cholesterol	0.1625
Blue Dye	0.0050
t-Butylhydroquinone	0.0015

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.

5/9/2013

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, %	0.14
Methionine, %	0.97		Chloride, %	0.23
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, ppm	1.2
Glutamic Acid, %	7.71		Molybdenum, ppm	0.19
Glycine, %	0.73		Selenium, ppm	0.31
Proline, %	4.45			
Serine, %	2.08			
Taurine, %	0.00			

Fat, %		30.1	Vitamins	
Cholesterol, ppm	1,958		Vitamin A, IU/g	7.9
Linoleic Acid, %	2.59		Vitamin D-3 (added), IU/g	1.3
Linolenic Acid, %	0.24		Vitamin E, IU/kg	96.0
Arachidonic Acid, %	0.03		Vitamin K, ppm	0.36
Omega-3 Fatty Acids, %	0.35		Thiamin Hydrochloride, ppm	7.6
Total Saturated Fatty A	12.12		Riboflavin, ppm	8.9
Total Monounsaturated Fatty Acids, %	9.61		Niacin, ppm	38
Polyunsaturated Fatty Acids, %	4.80		Pantothenic Acid, ppm	21
			Folic Acid, ppm	2.8
			Pyridoxine, ppm	7.3
			Biotin, ppm	0.3
			Vitamin B-12, mcg/kg	38
			Choline Chloride, ppm	1,083
			Ascorbic Acid, ppm	0.0

Fiber (max), % **7.3**

Carbohydrates, % **22.3**

Energy (kcal/g) ² **4.96**

From:	kcal	%
Protein	1.355	27.3
Fat (ether extract)	2.713	54.7
Carbohydrates	0.893	18.0

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.

