

DESCRIPTION

A Very-High-Protein/Moderate-Fat/Low Carbohydrate diet based on AIN-93G. Approximate Protein:Fat kcal ratio = 1:1). The amount of micro-nutrients (vitamins & minerals), protein, fiber, and cholesterol per calorie remains the same as the Western diet. Dyed purple.

Recommended control diet is 5TJS.

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	1817345
1/2" Pellet, Irradiated	1810848
Meal	1810854

*Other Forms Available On Request

INGREDIENTS (%)

Casein - Vitamin Tested	45.6170
Corn Starch	15.1951
Lard	5.8963
Vegetable Shortening	5.8963
Milk Fat	5.8963
Maltodextrin	5.0459
AIN-93G Mineral Premix w/ Fiber	3.8895
Sucrose	3.8227
Inulin	2.4126
Powdered Cellulose	2.4126
Soybean Oil	1.2382
AIN-93 Vitamin Premix w/ Fiber	1.1183
L-Cystine	0.6843
Corn Oil	0.5307
Choline Bitartrate	0.1930
Cholesterol	0.1448
FD&C Red No. 40	0.0025
FD&C Blue No. 2	0.0025
t-Butylhydroquinone	0.0014

*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, %	40.9	Minerals	
Arginine, %	1.59	Calcium, %	0.56
Histidine, %	1.18	Phosphorus, %	0.54
Isoleucine, %	2.18	Potassium, %	0.40
Leucine, %	3.94	Magnesium, %	0.06
Lysine, %	3.32	Sodium, %	0.13
Methionine, %	1.18	Chloride, %	0.22
Cystine, %	0.85	Fluorine, ppm	1.1
Phenylalanine, %	2.18	Iron, ppm	48
Tyrosine, %	2.31	Zinc, ppm	48
Threonine, %	1.76	Manganese, ppm	12
Tryptophan, %	0.50	Copper, ppm	6.7
Valine, %	2.60	Cobalt, ppm	0.0
Alanine, %	1.26	Iodine, ppm	0.23
Aspartic Acid, %	2.94	Chromium (added), ppm	1.1
Glutamic Acid, %	9.31	Molybdenum, ppm	0.17
Glycine, %	0.88	Selenium, ppm	0.32
Proline, %	5.37		
Serine, %	2.52	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	6.3
		Vitamin D-3 (added), IU/g	1.1
		Vitamin E, IU/kg	85.6
		Vitamin K, ppm	0.84
		Thiamin, ppm	5.4
		Riboflavin, ppm	8.3
		Niacin, ppm	34
		Pantothenic Acid, ppm	19
		Folic Acid, ppm	2.6
		Pyridoxine, ppm	6.5
		Biotin, ppm	0.2
		Vitamin B-12, mcg/kg	35
		Choline Chloride, ppm	965
		Ascorbic Acid, ppm	0.0

Fat, %	19.2		
Cholesterol, ppm	1,660		
Linoleic Acid, %	1.65		
Linolenic Acid, %	0.15		
Arachidonic Acid, %	0.02		
Omega-3 Fatty Acids, %	0.22		
Total Saturated Fatty A	7.72		
Total Monounsaturated			
Fatty Acids, %	6.12		
Polyunsaturated Fatty Acids, %	3.05		
Fiber (max), %	6.5		

Carbohydrates, %	26.1		
Energy (kcal/g) ²	4.41		
From:	kcal	%	
Protein	1.637	37.1	
Fat (ether extract)	1.729	39.2	
Carbohydrates	1.044	23.7	

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-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