

DESCRIPTION

A "High-Cholesterol" (1%) diet based on AIN-93G with 1% cholesterol added. Approximate Protein:Fat kcal ratio = 2:5. The amount of micro-nutrients (vitamins & minerals), protein, fiber, and cholesterol per calorie remains the same as the Western diet. Dyed yellow.

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	1813313
1/2" Pellet, Irradiated	1810847
Meal	1810853
Meal, Irradiated	1817392

*Other Forms Available On Request

INGREDIENTS (%)

Corn Starch	30.9941
Casein - Vitamin Tested	19.5918
Maltodextrin	10.2925
Sucrose	7.7973
Vegetable Shortening	6.0006
Milk Fat	6.0006
Lard	6.0006
AIN-93G Mineral Premix w/ Fiber	3.9681
Powdered Cellulose	2.4613
Inulin	2.4613
Soybean Oil	1.2601
AIN-93 Vitamin Premix w/ Fiber	1.1409
Cholesterol	0.9934
Corn Oil	0.5401
L-Cystine	0.2939
Choline Bitartrate	0.1969
FD&C Yellow No. 5	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.

1/9/2023

NUTRITIONAL PROFILE ¹

Protein, %	17.8	Minerals	
Arginine, %	0.68	Calcium, %	0.57
Histidine, %	0.50	Phosphorus, %	0.34
Isoleucine, %	0.94	Potassium, %	0.41
Leucine, %	1.69	Magnesium, %	0.06
Lysine, %	1.42	Sodium, %	0.14
Methionine, %	0.50	Chloride, %	0.23
Cystine, %	0.37	Fluorine, ppm	1.1
Phenylalanine, %	0.94	Iron, ppm	47
Tyrosine, %	0.99	Zinc, ppm	40
Threonine, %	0.76	Manganese, ppm	12
Tryptophan, %	0.22	Copper, ppm	6.8
Valine, %	1.12	Cobalt, ppm	0.0
Alanine, %	0.54	Iodine, ppm	0.24
Aspartic Acid, %	1.26	Chromium (added), ppm	1.1
Glutamic Acid, %	4.00	Molybdenum, ppm	0.17
Glycine, %	0.38	Selenium, ppm	0.23
Proline, %	2.31		
Serine, %	1.08	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	6.4
		Vitamin D-3 (added), IU/g	1.1
		Vitamin E, IU/kg	86.8
		Vitamin K, ppm	0.86
		Thiamin, ppm	6.9
		Riboflavin, ppm	7.5
		Niacin, ppm	34
		Pantothenic Acid, ppm	18
		Folic Acid, ppm	2.4
		Pyridoxine, ppm	6.6
		Biotin, ppm	0.2
		Vitamin B-12, mcg/kg	31
		Choline Chloride, ppm	985
		Ascorbic Acid, ppm	0.0

Fat, %	19.6	
Cholesterol, ppm	10,150	
Linoleic Acid, %	1.68	
Linolenic Acid, %	0.16	
Arachidonic Acid, %	0.02	
Omega-3 Fatty Acids, %	0.23	
Total Saturated Fatty A	7.85	
Total Monounsaturated Fatty Acids, %	6.23	
Polyunsaturated Fatty Acids, %	3.11	
Fiber (max), %	6.6	
Carbohydrates, %	50.9	

Energy (kcal/g) ²

From:	kcal	%
Protein	0.713	15.8
Fat (ether extract)	1.762	39.1
Carbohydrates	2.036	45.1

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