

DESCRIPTION

Modification of TestDiet® AIN-76A Semi-Purified Diet, 58B0, with 40% kcal fat and 1.25% cholesterol. Dyed green. Originally manufactured as D12108. Part of the Clinton/Cybulsky cholesterol series.

58R4 is the recommended control diet.

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	1810021
1/2" Pellet, Irradiated	1810830

*Other Forms Available On Request

INGREDIENTS (%)

Corn Starch	23.6251
Casein - Vitamin Tested	22.2878
Cocoa Butter	17.2731
Sucrose	12.5926
Maltodextrin	7.9122
Powdered Cellulose	5.5720
Soybean Oil	2.7860
Potassium Citrate, Tribasic Monohydrate	1.8387
Calcium Phosphate	1.4487
Cholesterol	1.2537
AIN-76A Vitamin Mix	1.1144
Clinton Salt Mix	1.1144
Calcium Carbonate	0.6129
L-Cystine	0.3343
Choline Bitartrate	0.2229
FD&C Yellow No. 5	0.0056
FD&C Blue No. 2	0.0056

*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.

1/6/2023

NUTRITIONAL PROFILE ¹

Protein, %	20.2	Minerals	
Arginine, %	0.78	Calcium, %	0.68
Histidine, %	0.57	Phosphorus, %	0.51
Isoleucine, %	1.07	Potassium, %	0.66
Leucine, %	1.93	Magnesium, %	0.06
Lysine, %	1.62	Sodium, %	0.14
Methionine, %	0.57	Chloride, %	0.23
Cystine, %	0.42	Fluorine, ppm	0.0
Phenylalanine, %	1.07	Iron, ppm	56
Tyrosine, %	1.13	Zinc, ppm	40
Threonine, %	0.86	Manganese, ppm	65
Tryptophan, %	0.25	Copper, ppm	6.7
Valine, %	1.27	Cobalt, ppm	0.0
Alanine, %	0.62	Iodine, ppm	0.23
Aspartic Acid, %	1.44	Chromium (added), ppm	2.2
Glutamic Acid, %	4.55	Molybdenum, ppm	0.00
Glycine, %	0.43	Selenium, ppm	0.25
Proline, %	2.63		
Serine, %	1.23	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	4.5

Fat, %	20.1	Vitamin D-3 (added), IU/g	1.1
Cholesterol, ppm	12,537	Vitamin E, IU/kg	58.4
Linoleic Acid, %	1.91	Vitamin K, ppm	0.56
Linolenic Acid, %	0.23	Thiamin, ppm	5.3
Arachidonic Acid, %	0.00	Riboflavin, ppm	7.5
Omega-3 Fatty Acids, %	0.22	Niacin, ppm	33
Total Saturated Fatty A	10.73	Pantothenic Acid, ppm	18
Total Monounsaturated Fatty Acids, %	6.30	Folic Acid, ppm	2.4
Polyunsaturated Fatty Acids, %	2.02	Pyridoxine, ppm	6.5
		Biotin, ppm	0.2
		Vitamin B-12, mcg/kg	15
		Choline Chloride, ppm	1,115
		Ascorbic Acid, ppm	0.0

Fiber (max), % **5.6**

Carbohydrates, % **45.2**

Energy (kcal/g) ² **4.43**

From:	kcal	%
Protein	0.806	18.2
Fat (ether extract)	1.810	40.9
Carbohydrates	1.809	40.9

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-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.
Clinton Salt Mix	Sucrose, Sodium Chloride, Magnesium Sulfate, Magnesium Oxide, Ferric Citrate, Manganese Carbonate, Zinc Carbonate, Chromium Potassium Sulfate, Cupric Carbonate, Sodium Selenite, Potassium Iodate