

DESCRIPTION

Modified TestDiet® AIN-76A Semi-Purified Diet, 58B0, with 58% energy from fat and sucrose as the primary source of carbohydrate. Dyed red. Originally manufactured as "D12331". One of four diets in the Surwit Series.

58R0 and 58R1 are recommended control diets.

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	58864
1/2" Pellet, Irradiated	1810835
1/2" Pellet, Irradiated, 2kg HS	1810835-296

*Other Forms Available On Request

INGREDIENTS (%)

Hydrogenated Coconut Oil	33.3467
Casein - Vitamin Tested	22.7977
Sucrose	17.4582
Maltodextrin	16.9983
AIN-76A Mineral Mix	3.9996
Soybean Oil	2.4997
Sodium Bicarbonate	1.0499
AIN-76A Vitamin Mix	0.9999
Potassium Citrate, Tribasic Monohydrate	0.4000
DL-Methionine	0.2000
Choline Bitartrate	0.2000
FD&C Red No. 40	0.0500

*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, %	0.80	Calcium, %	0.60
Histidine, %	0.59	Phosphorus, %	0.64
Isoleucine, %	1.09	Potassium, %	0.56
Leucine, %	1.97	Magnesium, %	0.06
Lysine, %	1.66	Sodium, %	0.42
Methionine, %	0.79	Chloride, %	0.23
Cystine, %	0.08	Fluorine, ppm	0.0
Phenylalanine, %	1.09	Iron, ppm	54
Tyrosine, %	1.15	Zinc, ppm	41
Threonine, %	0.88	Manganese, ppm	67
Tryptophan, %	0.25	Copper, ppm	6.9
Valine, %	1.30	Cobalt, ppm	0.0
Alanine, %	0.63	Iodine, ppm	0.24
Aspartic Acid, %	1.47	Chromium (added), ppm	2.3
Glutamic Acid, %	4.66	Molybdenum, ppm	0.00
Glycine, %	0.44	Selenium, ppm	0.20
Proline, %	2.69		
Serine, %	1.26	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	4.0
		Vitamin D-3 (added), IU/g	1.0
		Vitamin E, IU/kg	52.0
		Vitamin K, ppm	0.50
		Thiamin, ppm	4.8
		Riboflavin, ppm	6.8
		Niacin, ppm	30
		Pantothenic Acid, ppm	16
		Folic Acid, ppm	2.2
		Pyridoxine, ppm	5.8
		Biotin, ppm	0.2
		Vitamin B-12, mcg/kg	14
		Choline Chloride, ppm	1,000
		Ascorbic Acid, ppm	0.0

Fat, %	35.8	
Cholesterol, ppm	0	
Linoleic Acid, %	1.28	
Linolenic Acid, %	0.19	
Arachidonic Acid, %	0.00	
Omega-3 Fatty Acids, %	0.19	
Total Saturated Fatty A	31.55	
Total Monounsaturated Fatty Acids, %	0.62	
Polyunsaturated Fatty Acids, %	1.47	
Fiber (max), %	0.0	
Carbohydrates, %	35.0	
Energy (kcal/g) ²	5.44	

From:	kcal	%
Protein	0.810	14.9
Fat (ether extract)	3.226	59.4
Carbohydrates	1.399	25.7

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-76A Mineral Mix	Calcium Phosphate, Potassium Citrate, Tribasic Monohydrate, Sucrose, Sodium Chloride, Potassium Sulfate, Magnesium Oxide, Ferric Citrate, Manganese Carbonate, Zinc Carbonate, Chromium Potassium Sulfate, Cupric Carbonate, Sodium Selenite, Potassium Iodate
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.