

## DESCRIPTION

Modified TestDiet® AIN-76A Semi-Purified Diet, 58B0, with 11% energy from fat and sucrose as the primary carbohydrate. Dyed blue. Originally manufactured as "D12329". One of four diets in the Surwit Series.

Recommended control diet for 58R2 and 58R3.

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	58862
1/2" Pellet, Irradiated	1812067
Meal	1816548

\*Other Forms Available On Request

INGREDIENTS (%)	
Sucrose	61.0580
Casein - Vitamin Tested	16.6837
Maltodextrin	12.4396
AIN-76A Mineral Mix	2.9270
Hydrogenated Coconut Oil	2.9270
Soybean Oil	1.8294
Sodium Bicarbonate	0.7683
AIN-76A Vitamin Mix	0.7317
Potassium Citrate, Tribasic Monohydrate	0.2927
DL-Methionine	0.1463
Choline Bitartrate	0.1463
FD&C Blue No. 1	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 <sup>1</sup>

<b>Protein, %</b>	<b>14.8</b>	<b>Minerals</b>	
Arginine, %	0.58	Calcium, %	0.45
Histidine, %	0.43	Phosphorus, %	0.47
Isoleucine, %	0.80	Potassium, %	0.41
Leucine, %	1.44	Magnesium, %	0.04
Lysine, %	1.21	Sodium, %	0.31
Methionine, %	0.58	Chloride, %	0.20
Cystine, %	0.06	Fluorine, ppm	0.0
Phenylalanine, %	0.80	Iron, ppm	40
Tyrosine, %	0.84	Zinc, ppm	30
Threonine, %	0.64	Manganese, ppm	49
Tryptophan, %	0.18	Copper, ppm	5.0
Valine, %	0.95	Cobalt, ppm	0.0
Alanine, %	0.46	Iodine, ppm	0.17
Aspartic Acid, %	1.07	Chromium (added), ppm	1.7
Glutamic Acid, %	3.41	Molybdenum, ppm	0.00
Glycine, %	0.32	Selenium, ppm	0.14
Proline, %	1.97		
Serine, %	0.92	<b>Vitamins</b>	
Taurine, %	0.00	Vitamin A, IU/g	2.9
		Vitamin D-3 (added), IU/g	0.7
<b>Fat, %</b>	<b>4.8</b>	Vitamin E, IU/kg	38.1
Cholesterol, ppm	0	Vitamin K, ppm	0.37
Linoleic Acid, %	0.93	Thiamin, ppm	3.5
Linolenic Acid, %	0.14	Riboflavin, ppm	5.0
Arachidonic Acid, %	0.00	Niacin, ppm	22
Omega-3 Fatty Acids, %	0.14	Pantothenic Acid, ppm	12
Total Saturated Fatty A	3.01	Folic Acid, ppm	1.6
Total Monounsaturated		Pyridoxine, ppm	4.2
Fatty Acids, %	0.39	Biotin, ppm	0.2
Polyunsaturated Fatty Acids, %	1.08	Vitamin B-12, mcg/kg	10
		Choline Chloride, ppm	732
<b>Fiber (max), %</b>	<b>0.0</b>	Ascorbic Acid, ppm	0.0
<b>Carbohydrates, %</b>	<b>73.9</b>		
<b>Energy (kcal/g) <sup>2</sup></b>	<b>3.98</b>		
<b>From:</b>	<b>kcal</b>	<b>%</b>	
Protein	0.593	14.9	
Fat (ether extract)	0.428	10.8	
Carbohydrates	2.955	74.3	

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.