

## DESCRIPTION

Modified TestDiet® AIN-76A Semi-Purified Diet, 58B0, with 11% energy from fat and corn starch as the primary carbohydrate. Dyed Yellow. Originally manufactured as "D12328". 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	58861
1/2" Pellet, Irradiated	1811888
Powder	1811117

\*Other Forms Available On Request

**INGREDIENTS (%)**

Corn Starch	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 Yellow No. 5	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>15.4</b>	<b>Minerals</b>	
Arginine, %	0.58	Calcium, %	0.44
Histidine, %	0.43	Phosphorus, %	0.47
Isoleucine, %	0.80	Potassium, %	0.41
Leucine, %	1.44	Magnesium, %	0.04
Lysine, %	1.21	Sodium, %	0.33
Methionine, %	0.58	Chloride, %	0.20
Cystine, %	0.06	Fluorine, ppm	0.0
Phenylalanine, %	0.80	Iron, ppm	42
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
		Vitamin E, IU/kg	38.1
		Vitamin K, ppm	0.37
		Thiamin, ppm	3.5
		Riboflavin, ppm	5.0
		Niacin, ppm	22
		Pantothenic Acid, ppm	12
		Folic Acid, ppm	1.6
		Pyridoxine, ppm	4.2
		Biotin, ppm	0.2
		Vitamin B-12, mcg/kg	10
		Choline Chloride, ppm	732
		Ascorbic Acid, ppm	0.0

<b>Fat, %</b>	<b>4.9</b>		
Cholesterol, ppm	0		
Linoleic Acid, %	0.93		
Linolenic Acid, %	0.14		
Arachidonic Acid, %	0.00		
Omega-3 Fatty Acids, %	0.14		
Total Saturated Fatty A	3.01		
Total Monounsaturated Fatty Acids, %	0.39		
Polyunsaturated Fatty Acids, %	1.08		
<b>Fiber (max), %</b>	<b>0.1</b>		

<b>Carbohydrates, %</b>	<b>73.9</b>		
<b>Energy (kcal/g) <sup>2</sup></b>	<b>4.01</b>		
<b>From:</b>	<b>kcal</b>	<b>%</b>	
Protein	0.617	15.4	
Fat (ether extract)	0.439	10.9	
Carbohydrates	2.955	73.7	

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.