

## DESCRIPTION

AIN-76A Semi-Purified Diet 5800-B Surwit Diet with 11% Fat Energy, Corn Starch and Dyed Yellow.

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 #
Powder	1811117
1/2" Pellet	58861

\*Other Forms Available By Request

## INGREDIENTS (%)

Corn Starch	61.1007
Casein - Vitamin Free	16.6837
Maltodextrin	12.4396
Hydrogenated Coconut Oil	2.9270
AIN-76 Mineral Mix	2.9270
Soybean Oil	1.8294
Sodium Bicarbonate	0.7683
AIN-76A Vitamin Mix	0.7317
Potassium Citrate, Tribasic Monohydrate	0.2927
Choline Bitartrate	0.1463
DL-Methionine	0.1463
Yellow Dye	0.0073

## 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 experimental use only, NOT for human consumption.

4/25/2006

## NUTRITIONAL PROFILE <sup>1</sup>

<b>Protein, %</b>		<b>15.7</b>	<b>Minerals</b>	
Arginine, %	0.58		Calcium, %	0.43
Histidine, %	0.43		Phosphorus, %	0.47
Isoleucine, %	0.80		Phosphorus (available), %	0.47
Leucine, %	1.44		Potassium, %	0.41
Lysine, %	1.21		Magnesium, %	0.04
Methionine, %	0.58		Sodium, %	0.29
Cystine, %	0.06		Chlorine, %	0.13
Phenylalanine, %	0.80		Fluorine, ppm	0.0
Tyrosine, %	0.84		Iron, ppm	29
Threonine, %	0.64		Zinc, ppm	30
Tryptophan, %	0.18		Manganese, ppm	49
Valine, %	0.95		Copper, ppm	5.0
Alanine, %	0.46		Cobalt, ppm	0.0
Aspartic Acid, %	1.07		Iodine, ppm	0.17
Glutamic Acid, %	3.41		Chromium, ppm	1.7
Glycine, %	0.32		Molybdenum, ppm	0.00
Proline, %	1.97		Selenium, ppm	0.09
Serine, %	0.92			
Taurine, %	0.00			

<b>Fat, %</b>		<b>4.9</b>	<b>Vitamins</b>	
Cholesterol, ppm	0		Vitamin A, IU/g	2.9
Linoleic Acid, %	0.93		Vitamin D-3 (added), IU/g	0.7
Linolenic Acid, %	0.14		Vitamin E, IU/kg	36.6
Arachidonic Acid, %	0.00		Vitamin K (as menadione), ppm	0.37
Omega-3 Fatty Acids, %	0.14		Thiamin Hydrochloride, ppm	4.4
Total Saturated Fatty A	0.27		Riboflavin, ppm	4.4
Total Monounsaturated Fatty Acids, %	0.38		Niacin, ppm	22
Polyunsaturated Fatty Acids, %	1.08		Pantothenic Acid, ppm	11
			Folic Acid, ppm	1.5
			Pyridoxine, ppm	4.2
			Biotin, ppm	0.1
			Vitamin B-12, mcg/kg	7
			Choline Chloride, ppm	732
			Ascorbic Acid, ppm	0.0

<b>Fiber (max), %</b>		<b>0.1</b>

<b>Carbohydrates, %</b>		<b>73.9</b>

<b>Energy (kcal/g) <sup>2</sup></b>		<b>4.02</b>

From:	kcal	%
Protein	0.629	15.6
Fat (ether extract)	0.439	10.9
Carbohydrates	2.957	73.5

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, 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.

