

## DESCRIPTION

Modification of TestDiet® AIN 76A Semi-Purified Diet with 1.25% Cholesterol.

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. If long term studies are involved, store the diet at -20° C or colder. Be certain to keep in air tight containers.

### Product Forms Available\*      Catalog #

1/2" Pellet	1810468
1/2" Pellet, Irradiated	1811752

\*Other Forms Available By Request

### INGREDIENTS (%)

Corn Starch	27.4900
Maltodextrin	15.0000
Soy Protein Concentrate	13.0000
Powdered Cellulose	9.0000
Cocoa Butter	7.5000
Casein - Vitamin Free	7.5000
Soybean Oil	5.0000
AIN-76 Mineral Mix	3.5000
Coconut Oil	3.5000
Sucrose	3.0000
Cholesterol	1.2500
Potassium Citrate, Tribasic Monohydrate	1.0000
AIN-76A Vitamin Mix	1.0000
Salt	0.8000
Calcium Carbonate	0.5500
Sodium Cholate	0.5000
Choline Bitartrate	0.2000
DL-Methionine	0.2000
Red Dye	0.0100

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

<b>Protein, %</b>	<b>16.3</b>	<b>Minerals</b>	
Arginine, %	1.13	Calcium, %	0.78
Histidine, %	0.47	Phosphorus, %	0.56
Isoleucine, %	0.98	Phosphorus (available), %	0.50
Leucine, %	1.66	Potassium, %	1.00
Lysine, %	1.38	Magnesium, %	0.09
Methionine, %	0.56	Sodium, %	0.47
Cystine, %	0.38	Chloride, %	0.72
Phenylalanine, %	1.02	Fluorine, ppm	0.0
Tyrosine, %	0.82	Iron, ppm	53
Threonine, %	0.86	Zinc, ppm	32
Tryptophan, %	0.25	Manganese, ppm	59
Valine, %	1.06	Copper, ppm	6.2
Alanine, %	0.62	Cobalt, ppm	0.1
Aspartic Acid, %	1.63	Iodine, ppm	0.21
Glutamic Acid, %	3.31	Chromium, ppm	2.0
Glycine, %	0.57	Molybdenum, ppm	0.02
Proline, %	1.37	Selenium, ppm	0.11
Serine, %	0.92		
Taurine, %	0.00		

<b>Fat, %</b>	<b>16.1</b>	<b>Vitamins</b>	
Cholesterol, ppm	12,500	Vitamin A, IU/g	4.0
Linoleic Acid, %	2.87	Vitamin D-3 (added), IU/g	1.0
Linolenic Acid, %	0.40	Vitamin E, IU/kg	54.1
Arachidonic Acid, %	0.00	Vitamin K (as menadione), ppm	0.50
Omega-3 Fatty Acids, %	0.39	Thiamin Hydrochloride, ppm	6.0
Total Saturated Fatty A	8.24	Riboflavin, ppm	6.2
Total Monounsaturated Fatty Acids, %	3.74	Niacin, ppm	30
Polyunsaturated Fatty Acids, %	3.25	Pantothenic Acid, ppm	15
		Folic Acid, ppm	2.3
		Pyridoxine, ppm	6.5
		Biotin, ppm	0.2
		Vitamin B-12, mcg/kg	10
		Choline Chloride, ppm	1,000
		Ascorbic Acid, ppm	0.0

**Fiber (max), %      9.5**

**Carbohydrates, %      46.1**

**Energy (kcal/g) <sup>2</sup>      4.07**

From:	kcal	%
Protein	0.650	16.5
Fat (ether extract)	1.451	36.8
Carbohydrates	1.842	46.7

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.

## 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.

11/11/2006

