

## DESCRIPTION

Modification of TestDiet® AIN-93G Semi-Purified Rodent Diet 5801, dyed red. Based on energy distribution in a "typical American diet": Freedman et al., Popular Diets: A Scientific Review. Obesity Research. (March) 2001; 9 (Suppl. 1):1S-40S, (Table 3 at 3S).

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

<b>Product Forms Available*</b>	<b>Catalog #</b>
1/2" Pellet	1810908

\*Other Forms Available By Request

## INGREDIENTS (%)

Corn Starch	34.7922
Casein - Vitamin Free	17.6297
Dextrin	11.5536
Sucrose	8.7527
Crisco	5.1078
Lard	5.1078
Milk Fat	5.1078
AIN93G Mineral Mix/Fiber	3.8799
Powdered Cellulose	2.4066
Inulin	2.4066
AIN93G Vitamin Mix/Fiber	1.1155
Soybean Oil	1.0726
Corn Oil	0.4597
L-Cystine	0.2644
Choline Bitartrate	0.1925
Cholesterol	0.1444
Red Dye	0.0048
t-Butylhydroquinone	0.0014

## 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>16.4</b>	<b>Minerals</b>	
Arginine, %	0.62	Calcium, %	0.55
Histidine, %	0.45	Phosphorus, %	0.31
Isoleucine, %	0.84	Phosphorus (available), %	0.14
Leucine, %	1.52	Potassium, %	0.40
Lysine, %	1.28	Magnesium, %	0.06
Methionine, %	0.45	Sodium, %	0.11
Cystine, %	0.33	Chlorine, %	0.17
Phenylalanine, %	0.84	Fluorine, ppm	1.1
Tyrosine, %	0.89	Iron, ppm	42
Threonine, %	0.68	Zinc, ppm	39
Tryptophan, %	0.19	Manganese, ppm	12
Valine, %	1.01	Copper, ppm	6.7
Alanine, %	0.49	Cobalt, ppm	0.0
Aspartic Acid, %	1.14	Iodine, ppm	0.23
Glutamic Acid, %	3.60	Chromium, ppm	1.1
Glycine, %	0.34	Molybdenum, ppm	0.17
Proline, %	2.08	Selenium, ppm	0.16
Serine, %	0.97		
Taurine, %	0.00	<b>Vitamins</b>	
		Vitamin A, IU/g	6.4
<b>Fat, %</b>	<b>16.8</b>	Vitamin D-3 (added), IU/g	1.1
Cholesterol, ppm	1,628	Vitamin E, IU/kg	83.7
Linoleic Acid, %	1.43	Vitamin K (as menadione), ppm	0.32
Linolenic Acid, %	0.13	Thiamin Hydrochloride, ppm	6.7
Arachidonic Acid, %	0.02	Riboflavin, ppm	6.7
Omega-3 Fatty Acids, %	0.11	Niacin, ppm	33
Total Saturated Fatty Acids, %	5.41	Pantothenic Acid, ppm	16
Total Monounsaturated Fatty Acids, %	3.63	Folic Acid, ppm	2.2
		Pyridoxine, ppm	6.4
<b>Fiber (max), %</b>	<b>6.8</b>	Biotin, ppm	0.2
		Vitamin B-12, mcg/kg	28
<b>Carbohydrates, %</b>	<b>55.1</b>	Choline Chloride, ppm	963
		Ascorbic Acid, ppm	0.0
<b>Energy (kcal/g) <sup>2</sup></b>	<b>4.36</b>		
<b>From:</b>	<b>kcal</b>	<b>%</b>	
Protein	0.657	15.0	
Fat (ether extract)	1.515	34.6	
Carbohydrates	2.204	50.4	

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.

