

**DESCRIPTION**

Modification of TestDiet® AIN-93M Semi-Purified Diet 58M1 with no added vitamin E (contains 3.24 IU vitamin E/kg of diet).

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.

<b>Product Forms Available*</b>	<b>Catalog #</b>
1/2" Pellet	1811960

*\*Other Forms Available By Re*  
**INGREDIENTS (%)**

Corn Starch	46.5692
Dextrin	15.5000
Casein - Vitamin Free	14.0000
Sucrose	10.0000
Powdered Cellulose	5.0000
Soybean Oil	4.0000
AIN 93M Mineral Mix	3.5000
AIN-93M Vitamin PX-No Vit E	1.0000
Choline Bitartrate	0.2500
L-Cystine	0.1800
t-Butylhydroquinone	0.0008

**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.

10/23/2006

**NUTRITIONAL PROFILE** <sup>1</sup>

<b>Protein, %</b>	<b>13.2</b>	<b>Minerals</b>	
Arginine, %	0.49	Calcium, %	0.50
Histidine, %	0.36	Phosphorus, %	0.31
Isoleucine, %	0.67	Phosphorus (available), %	0.11
Leucine, %	1.21	Potassium, %	0.36
Lysine, %	1.02	Magnesium, %	0.05
Methionine, %	0.36	Sodium, %	0.12
Cystine, %	0.23	Chloride, %	0.20
Phenylalanine, %	0.67	Fluorine, ppm	1.0
Tyrosine, %	0.71	Iron, ppm	35
Threonine, %	0.54	Zinc, ppm	35
Tryptophan, %	0.15	Manganese, ppm	11
Valine, %	0.80	Copper, ppm	6.0
Alanine, %	0.39	Cobalt, ppm	0.0
Aspartic Acid, %	0.90	Iodine, ppm	0.21
Glutamic Acid, %	2.86	Chromium, ppm	1.0
Glycine, %	0.27	Molybdenum, ppm	0.14
Proline, %	1.65	Selenium, ppm	0.17
Serine, %	0.77		
Taurine, %	0.00	<b>Vitamins</b>	
<b>Fat, %</b>	<b>4.1</b>	Vitamin A, IU/g	4.0
Cholesterol, ppm	0	Vitamin D-3 (added), IU/g	1.0
Linoleic Acid, %	2.04	Vitamin E, IU/kg	3.2
Linolenic Acid, %	0.31	Vitamin K (as menadione), ppm	0.29
Arachidonic Acid, %	0.00	Thiamin Hydrochloride, ppm	6.0
Omega-3 Fatty Acids, %	0.31	Riboflavin, ppm	6.0
Total Saturated Fatty A	0.59	Niacin, ppm	30
Total Monounsaturated		Pantothenic Acid, ppm	15
Fatty Acids, %	0.84	Folic Acid, ppm	2.0
Polyunsaturated Fatty Acids, %	2.36	Pyridoxine, ppm	5.8
		Biotin, ppm	0.2
<b>Fiber (max), %</b>	<b>5.0</b>	Vitamin B-12, mcg/kg	25
		Choline Chloride, ppm	1,250
<b>Carbohydrates, %</b>	<b>73.1</b>	Ascorbic Acid, ppm	0.0
<b>Energy (kcal/g)</b> <sup>2</sup>	<b>3.79</b>		
<b>From:</b>	<b>kcal</b>	<b>%</b>	
Protein	0.529	13.8	
Fat (ether extract)	0.368	9.6	
Carbohydrates	2.922	76.5	

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.

