

## DESCRIPTION

Purified Rodent Diet with ≈60% of the energy from fat that may induce diabetes in rodents. Originally manufactured as "D12309." (Control diet is TestDiet 5TPP.)

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	1811024
1/2" Pellet, Irradiated	1811026

\*Other Forms Available By Request

## INGREDIENTS (%)

Lard	35.8500
Casein - Vitamin Free	22.8000
Sucrose	17.5000
Maltodextrin	17.0000
AIN-76 Mineral Mix	4.0000
Sodium Bicarbonate	1.0500
AIN-76A Vitamin Mix	1.0000
Potassium Citrate, Tribasic Monohydrate	0.4000
Choline Bitartrate	0.2000
DL-Methionine	0.2000

## FEEDING DIRECTIONS

Feed ad libitum. Plenty of fresh, clean water should be available at all times.

### CAUTION:

Perishable, upon receipt store in a cool dry place, refrigeration recommended.

For laboratory animal experimental use only, NOT for human consumption.

10/19/2005

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

<b>Protein, %</b>	<b>20.7</b>	<b>Minerals</b>	
Arginine, %	0.80	Calcium, %	0.59
Histidine, %	0.59	Phosphorus, %	0.64
Isoleucine, %	1.09	Phosphorus (available), %	0.64
Leucine, %	1.97	Potassium, %	0.56
Lysine, %	1.66	Magnesium, %	0.06
Methionine, %	0.79	Sodium, %	0.40
Cystine, %	0.08	Chlorine, %	0.18
Phenylalanine, %	1.09	Fluorine, ppm	0.0
Tyrosine, %	1.15	Iron, ppm	40
Threonine, %	0.88	Zinc, ppm	41
Tryptophan, %	0.25	Manganese, ppm	67
Valine, %	1.30	Copper, ppm	6.9
Alanine, %	0.63	Cobalt, ppm	0.0
Aspartic Acid, %	1.47	Iodine, ppm	0.24
Glutamic Acid, %	4.66	Chromium, ppm	2.3
Glycine, %	0.44	Molybdenum, ppm	0.00
Proline, %	2.69	Selenium, ppm	0.12
Serine, %	1.26		
Taurine, %	0.00	<b>Vitamins</b>	
<b>Fat, %</b>	<b>35.9</b>	Vitamin A, IU/g	4.0
Cholesterol, ppm	341	Vitamin D-3 (added), IU/g	1.0
Linoleic Acid, %	3.45	Vitamin E, IU/kg	50.0
Linolenic Acid, %	0.15	Vitamin K (as menadione), ppm	0.50
Arachidonic Acid, %	0.07	Thiamin Hydrochloride, ppm	6.0
Omega-3 Fatty Acids, %	0.15	Riboflavin, ppm	6.0
Total Saturated Fatty Acids, %	14.95	Niacin, ppm	30
Total Monounsaturated Fatty Acids, %	15.09	Pantothenic Acid, ppm	15
		Folic Acid, ppm	2.0
<b>Fiber (max), %</b>	<b>0.0</b>	Pyridoxine, ppm	5.8
		Biotin, ppm	0.2
<b>Carbohydrates, %</b>	<b>35.0</b>	Vitamin B-12, mcg/kg	10
		Choline Chloride, ppm	1,000
<b>Energy (kcal/g) <sup>2</sup></b>	<b>5.49</b>	Ascorbic Acid, ppm	0.0
<b>From:</b>	<b>kcal</b>	<b>%</b>	
Protein	0.827	15.2	
Fat (ether extract)	3.227	59.2	
Carbohydrates	1.401	25.7	

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.

