

## DESCRIPTION

Purified Diet equivalent to condensed milk formula, 10% energy from fat. Originally manufactured as D12489B. Control diet, to be used with 5388.

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 required. 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	1810096
1/2" Pellet, Irradiated	1810097

\*Other Forms Available By Request

## INGREDIENTS (%)

Dextrin	42.3136
Sucrose	24.6160
Casein - Vitamin Free	16.1277
AIN-76 Mineral Mix	3.3953
Corn Oil	3.3359
Maltodextrin	2.9709
Powdered Cellulose	2.5465
Milk Fat	1.2478
Potassium Citrate, Tribasic Monohydrate	1.1459
AIN-76A Vitamin Mix	0.9337
Calcium Carbonate	0.4669
Sodium Chloride	0.4669
DL-Methionine	0.2546
Choline Bitartrate	0.1698
Yellow Dye	0.0085

## 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>

Protein, %		14.7	Minerals	
Arginine, %	0.56		Calcium, %	0.69
Histidine, %	0.42		Phosphorus, %	0.52
Isoleucine, %	0.77		Phosphorus (available), %	0.52
Leucine, %	1.39		Potassium, %	0.76
Lysine, %	1.17		Magnesium, %	0.05
Methionine, %	0.67		Sodium, %	0.28
Cystine, %	0.06		Chlorine, %	0.44
Phenylalanine, %	0.77		Fluorine, ppm	0.0
Tyrosine, %	0.82		Iron, ppm	35
Threonine, %	0.62		Zinc, ppm	33
Tryptophan, %	0.18		Manganese, ppm	57
Valine, %	0.92		Copper, ppm	5.9
Alanine, %	0.45		Cobalt, ppm	0.0
Aspartic Acid, %	1.04		Iodine, ppm	0.20
Glutamic Acid, %	3.29		Chromium, ppm	1.9
Glycine, %	0.31		Molybdenum, ppm	0.00
Proline, %	1.90		Selenium, ppm	0.10
Serine, %	0.89			
Taurine, %	0.00			

Fat, %		4.5	Vitamins	
Cholesterol, ppm	33		Vitamin A, IU/g	4.2
Linoleic Acid, %	1.94		Vitamin D-3 (added), IU/g	0.9
Linolenic Acid, %	0.04		Vitamin E, IU/kg	46.7
Arachidonic Acid, %	0.00		Vitamin K (as menadione), ppm	0.47
Omega-3 Fatty Acids, %	0.03		Thiamin Hydrochloride, ppm	5.6
Total Saturated Fatty Acids, %	1.17		Riboflavin, ppm	5.6
Total Monounsaturated Fatty Acids, %	1.08		Niacin, ppm	28
			Pantothenic Acid, ppm	14
			Folic Acid, ppm	1.9
			Pyridoxine, ppm	5.4
			Biotin, ppm	0.2
			Vitamin B-12, mcg/kg	9
			Choline Chloride, ppm	849
			Ascorbic Acid, ppm	0.0

**Energy (kcal/g) <sup>2</sup> 3.85**

From:	kcal	%
Protein	0.587	15.3
Fat (ether extract)	0.407	10.6
Carbohydrates	2.842	74.1

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.

