

DESCRIPTION

Diet Induced Obesity Rodent Purified Diet with 10% Energy From Fat, Dyed Yellow is based on AIN-76A Semi-Purified Diet, Rat or Mouse 5800-B. See Van Heek et al., J. Clin. Invest. 99:385-390, 1997, for initial use of lower-fat versions of this formula. Originally manufactured as "D12450B".

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

Product Forms Available*	Catalog #
1/2" Pellet	58124
1/2" Pellet, Irradiated	56834
Meal	1810727
Meal, Irradiated	1810728

*Other Forms Available On Re

INGREDIENTS (%)

Sucrose	33.1290
Dextrin	29.8560
Casein - Vitamin Free	18.9560
Powdered Cellulose	4.7390
Maltodextrin	3.3170
Soybean Oil	2.3700
Lard	1.8960
Potassium Citrate, Tribasic Monohydrate	1.5640
Dicalcium Phosphate	1.2320
DIO Mineral Mix	0.9480
AIN-76A Vitamin Mix	0.9480
Calcium Carbonate	0.5210
L-Cystine	0.2840
Choline Bitartrate	0.1900
Yellow Dye	0.0500

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.

6/28/2007

NUTRITIONAL PROFILE ¹

Protein, %		17.3	Minerals	
Arginine, %	0.66		Calcium, %	0.57
Histidine, %	0.49		Phosphorus, %	0.43
Isoleucine, %	0.91		Phosphorus (available), %	0.43
Leucine, %	1.64		Potassium, %	0.57
Lysine, %	1.38		Magnesium, %	0.05
Methionine, %	0.49		Sodium, %	0.12
Cystine, %	0.35		Chloride, %	0.21
Phenylalanine, %	0.91		Fluorine, ppm	0.9
Tyrosine, %	0.96		Iron, ppm	44
Threonine, %	0.73		Zinc, ppm	34
Tryptophan, %	0.21		Manganese, ppm	55
Valine, %	1.08		Copper, ppm	5.7
Alanine, %	0.52		Cobalt, ppm	0.0
Aspartic Acid, %	1.22		Iodine, ppm	0.20
Glutamic Acid, %	3.87		Chromium, ppm	1.9
Glycine, %	0.37		Molybdenum, ppm	1.55
Proline, %	2.23		Selenium, ppm	0.15
Serine, %	1.05			
Taurine, %	0.00			

Fat, %		4.3	Vitamins	
Cholesterol, ppm	18		Vitamin A, IU/g	3.8
Linoleic Acid, %	1.39		Vitamin D-3 (added), IU/g	0.9
Linolenic Acid, %	0.19		Vitamin E, IU/kg	49.3
Arachidonic Acid, %	0.00		Vitamin K (as menadione), ppm	0.48
Omega-3 Fatty Acids, %	0.19		Thiamin Hydrochloride, ppm	5.7
Total Saturated Fatty A	1.14		Riboflavin, ppm	5.7
Total Monounsaturated Fatty Acids, %	1.30		Niacin, ppm	28
Polyunsaturated Fatty Acids, %	1.59		Pantothenic Acid, ppm	14
			Folic Acid, ppm	1.9
			Pyridoxine, ppm	5.5
			Biotin, ppm	0.2
			Vitamin B-12, mcg/kg	9
			Choline Chloride, ppm	950
			Ascorbic Acid, ppm	0.0

Fiber (max), %		4.7
Carbohydrates, %		67.4

Energy (kcal/g) ²

From:	kcal	%
Protein	0.692	18.3
Fat (ether extract)	0.384	10.2
Carbohydrates	2.697	71.5

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.

