

DESCRIPTION

Diet Induced Obesity (DIO) Rodent Diet with 70% Energy From Fat, Dyed Green is a Purified Diet based on AIN-76A Semi-Purified Diet, Rat or Mouse 5800-B.

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 #
Meal	58123

*Other Forms Available By Request

INGREDIENTS (%)

Lard	39.3620
Casein - Vitamin Free	27.6220
Maltodextrin	12.4300
Powdered Cellulose	6.9060
Soybean Oil	3.4530
Potassium Citrate, Tribasic Monohydrate	2.2790
Sucrose	1.9330
Dicalcium Phosphate	1.7960
DIO Mineral Mix	1.3810
AIN-76A Vitamin Mix	1.3810
Calcium Carbonate	0.7600
L-Cystine	0.4140
Choline Bitartrate	0.2760
Yellow Dye	0.0052
Blue Dye	0.0018

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 ¹

Protein, %	25.2	Minerals	
Arginine, %	0.97	Calcium, %	0.83
Histidine, %	0.71	Phosphorus, %	0.63
Isoleucine, %	1.32	Phosphorus (available), %	0.63
Leucine, %	2.39	Potassium, %	0.82
Lysine, %	2.01	Magnesium, %	0.07
Methionine, %	0.71	Sodium, %	0.14
Cystine, %	0.52	Chlorine, %	0.22
Phenylalanine, %	1.32	Fluorine, ppm	1.2
Tyrosine, %	1.40	Iron, ppm	64
Threonine, %	1.07	Zinc, ppm	40
Tryptophan, %	0.30	Manganese, ppm	81
Valine, %	1.58	Copper, ppm	8.3
Alanine, %	0.76	Cobalt, ppm	0.0
Aspartic Acid, %	1.78	Iodine, ppm	0.29
Glutamic Acid, %	5.64	Chromium, ppm	2.8
Glycine, %	0.53	Molybdenum, ppm	2.25
Proline, %	3.25	Selenium, ppm	0.22
Serine, %	1.52		
Taurine, %	0.00	Vitamins	
Fat, %	42.8	Vitamin A, IU/g	5.5
Cholesterol, ppm	374	Vitamin D-3 (added), IU/g	1.4
Linoleic Acid, %	5.55	Vitamin E, IU/kg	69.1
Linolenic Acid, %	0.44	Vitamin K (as menadione), ppm	0.69
Arachidonic Acid, %	0.07	Thiamin Hydrochloride, ppm	8.3
Omega-3 Fatty Acids, %	0.44	Riboflavin, ppm	8.3
Total Saturated Fatty Acids, %	16.92	Niacin, ppm	41
Total Monounsaturated Fatty Acids, %	17.29	Pantothenic Acid, ppm	20
		Folic Acid, ppm	2.8
Fiber (max), %	6.9	Pyridoxine, ppm	8.0
		Biotin, ppm	0.3
Carbohydrates, %	15.6	Vitamin B-12, mcg/kg	14
		Choline Chloride, ppm	1,380
Energy (kcal/g) ²	5.52	Ascorbic Acid, ppm	0.0
From:	kcal	%	
Protein	1.008	18.3	
Fat (ether extract)	3.853	69.9	
Carbohydrates	0.623	11.3	

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.

