

DESCRIPTION

Basal Diet 5755 is a purified, synthetic diet that provides all the essential nutrients to support maintenance, growth, gestation and lactation in laboratory mice and rats.

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. 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, Irradiated	54296
1/2" Pellet	7024
1/2" Pellet, Dyed Blue	7577

*Other Forms Available By Request

INGREDIENTS (%)

Dextrin	43.6500
Casein - Vitamin Free	21.0000
Sucrose	15.0000
RP Mineral Mix #10 (adds 1.29% fiber)	5.0000
Corn Oil	5.0000
Lard	5.0000
Powdered Cellulose	3.0000
RP Vitamin Mix (adds 1.94% sucrose)	2.0000
Choline Chloride	0.2000
DL-Methionine	0.1500

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.

12/19/2005

NUTRITIONAL PROFILE ¹

Protein, %	19.0	Minerals	
Arginine, %	0.73	Calcium, %	0.60
Histidine, %	0.54	Phosphorus, %	0.57
Isoleucine, %	1.00	Phosphorus (available), %	0.57
Leucine, %	1.82	Potassium, %	0.40
Lysine, %	1.53	Magnesium, %	0.07
Methionine, %	0.69	Sodium, %	0.21
Cystine, %	0.08	Chlorine, %	0.24
Phenylalanine, %	1.00	Fluorine, ppm	5.0
Tyrosine, %	1.06	Iron, ppm	63
Threonine, %	0.81	Zinc, ppm	27
Tryptophan, %	0.23	Manganese, ppm	65
Valine, %	1.20	Copper, ppm	15.0
Alanine, %	0.58	Cobalt, ppm	3.2
Aspartic Acid, %	1.35	Iodine, ppm	0.57
Glutamic Acid, %	4.29	Chromium, ppm	3.0
Glycine, %	0.41	Molybdenum, ppm	0.82
Proline, %	2.47	Selenium, ppm	0.23
Serine, %	1.16		
Taurine, %	0.00	Vitamins	
Fat, %	10.0	Vitamin A, IU/g	22.1
Cholesterol, ppm	48	Vitamin D-3 (added), IU/g	2.2
Linoleic Acid, %	3.34	Vitamin E, IU/kg	50.1
Linolenic Acid, %	0.07	Vitamin K (as menadione), ppm	10.40
Arachidonic Acid, %	0.01	Thiamin Hydrochloride, ppm	20.6
Omega-3 Fatty Acids, %	0.07	Riboflavin, ppm	20.0
Total Saturated Fatty Acids, %	2.72	Niacin, ppm	90
Total Monounsaturated Fatty Acids, %	3.31	Pantothenic Acid, ppm	55
Fiber (max), %	4.3	Folic Acid, ppm	4.0
		Pyridoxine, ppm	16.5
Carbohydrates, %	60.6	Biotin, ppm	0.4
		Vitamin B-12, mcg/kg	20
Energy (kcal/g) ²	4.09	Choline Chloride, ppm	1,400
From:	kcal	%	Ascorbic Acid, ppm
Protein	0.761	18.6	0.0
Fat (ether extract)	0.900	22.0	
Carbohydrates	2.424	59.3	

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.

