

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. 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	7024
1/2" Pellet, Irradiated	54296
Meal	6991
Meal, Irradiated	48907

*Other Forms Available On 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 - store properly upon receipt. For laboratory animal use only; NOT for human consumption.

8/12/2010

NUTRITIONAL PROFILE ¹

Protein, %

Arginine, %	0.73
Histidine, %	0.54
Isoleucine, %	1.00
Leucine, %	1.82
Lysine, %	1.53
Methionine, %	0.69
Cystine, %	0.08
Phenylalanine, %	1.00
Tyrosine, %	1.06
Threonine, %	0.81
Tryptophan, %	0.23
Valine, %	1.20
Alanine, %	0.58
Aspartic Acid, %	1.35
Glutamic Acid, %	4.29
Glycine, %	0.41
Proline, %	2.47
Serine, %	1.16
Taurine, %	0.00

Fat, %

Cholesterol, ppm	48
Linoleic Acid, %	3.34
Linolenic Acid, %	0.07
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.07
Total Saturated Fatty A	2.72
Total Monounsaturated Fatty Acids, %	3.31
Polyunsaturated Fatty Acids, %	3.42

Fiber (max), %

4.3

Carbohydrates, %

60.6

Energy (kcal/g) ²

4.07

From:	kcal	%
Protein	0.745	18.3
Fat (ether extract)	0.900	22.1
Carbohydrates	2.424	59.6

Minerals

Calcium, %	0.61
Phosphorus, %	0.57
Potassium, %	0.40
Magnesium, %	0.07
Sodium, %	0.24
Chloride, %	0.30
Fluorine, ppm	5.0
Iron, ppm	65
Zinc, ppm	27
Manganese, ppm	65
Copper, ppm	15.0
Cobalt, ppm	3.2
Iodine, ppm	0.57
Chromium, ppm	3.0
Molybdenum, ppm	0.82
Selenium, ppm	0.30

Vitamins

Vitamin A, IU/g	22.1
Vitamin D-3 (added), IU/g	2.2
Vitamin E, IU/kg	50.1
Vitamin K (as menadione), ppm	10.40
Thiamin Hydrochloride, ppm	20.7
Riboflavin, ppm	20.7
Niacin, ppm	90
Pantothenic Acid, ppm	56
Folic Acid, ppm	4.2
Pyridoxine, ppm	16.5
Biotin, ppm	0.4
Vitamin B-12, mcg/kg	24
Choline Chloride, ppm	1,400
Ascorbic Acid, ppm	0.0

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, 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.

