

## DESCRIPTION

Basal Purified Diet with 45% Energy From Fat, Dyed Red is based on TestDiet® Basal Diet 5755.

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	58146
Meal	58169

\*Other Forms Available By Request

## INGREDIENTS

Dextrin	30.1422
Casein - Vitamin Free	24.1420
Lard	17.7170
Sucrose	10.3465
RP Mineral Mix #10 (adds 1.29% fiber)	5.7480
Corn Oil	5.7480
RP Vitamin Mix (adds 1.94% sucrose)	2.2992
Inulin	1.7244
Powdered Cellulose	1.7244
Choline Chloride	0.2299
DL-Methionine	0.1724
Red Dye	0.0060

## Part of the TestDiet® DIO Series

Basal Purified Diet with 12% Energy From Fat  
1/2" Pellet - Catalog # 58145 (58G7)  
Meal - Catalog # 58168 (58G7)

Basal Purified Diet with 60% Energy From Fat  
1/2" Pellet - Catalog # 58167 (58G9)  
Meal - Catalog # 58170 (58G9)

Basal Purified Diet with 70% Energy From Fat  
Meal - Catalog # 58171 (58H0)

## FEEDING DIRECTIONS

Feed ad libitum. Plenty of fresh, clean water should be available at all times.

### CAUTION:

Perishable - store properly upon receipt.  
For experimental use only, not for human consumption.

## NUTRITIONAL PROFILE <sup>1</sup>

Protein, %	21.9	Minerals	
Arginine, %	0.84	Calcium, %	0.69
Histidine, %	0.62	Phosphorus, %	0.65
Isoleucine, %	1.16	Phosphorus (available), %	0.65
Leucine, %	2.09	Potassium, %	0.46
Lysine, %	1.75	Magnesium, %	0.08
Methionine, %	0.79	Sodium, %	0.24
Cystine, %	0.09	Chlorine, %	0.27
Phenylalanine, %	1.16	Fluorine, ppm	5.7
Tyrosine, %	1.22	Iron, ppm	72
Threonine, %	0.93	Zinc, ppm	31
Tryptophan, %	0.27	Manganese, ppm	75
Valine, %	1.38	Copper, ppm	17.3
Alanine, %	0.67	Cobalt, ppm	3.7
Aspartic Acid, %	1.55	Iodine, ppm	0.66
Glutamic Acid, %	4.93	Chromium, ppm	3.5
Glycine, %	0.47	Molybdenum, ppm	0.94
Proline, %	2.84	Selenium, ppm	0.26
Serine, %	1.33		
Taurine, %	0.00		

Fat, %	23.5	Vitamins	
Cholesterol, ppm	168	Vitamin A, IU/g	25.4
Linoleic Acid, %	4.99	Vitamin D-3 (added), IU/g	2.5
Linolenic Acid, %	0.13	Vitamin E, IU/kg	57.5
Arachidonic Acid, %	0.03	Vitamin K (as menadione), ppm	11.96
Omega-3 Fatty Acids, %	0.13	Thiamin Hydrochloride, ppm	23.7
Total Saturated Fatty Acids, %	8.12	Riboflavin, ppm	23.0
Total Monounsaturated Fatty Acids, %	8.85	Niacin, ppm	103
		Pantothenic Acid, ppm	63
		Folic Acid, ppm	4.6
		Pyridoxine, ppm	18.9
		Biotin, ppm	0.5
		Vitamin B-12, mcg/kg	23
		Choline Chloride, ppm	1,609
		Ascorbic Acid, ppm	0.0

**Energy (kcal/g) <sup>2</sup> 4.70**

From:	kcal	%
Protein	0.874	18.6
Fat (ether extract)	2.112	45.0
Carbohydrates	1.709	36.4

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.