

DESCRIPTION

Modified LabDiet® #5015 Mouse Diet with 5% maltodextrin and 30% Ho-Milc, for a total of 47.9% kcal fat. Originally formulated to induce diabetes in the female Genetic Models ZDF rat from Charles River Labs, Inc. This formula has also been called "C13004" and "Gmi/RD13004."

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, Irradiated	1810969
1/2" Pellet (also known as 1810408)	52829

*Other Forms Available By Request

INGREDIENTS (%)

Mouse Diet 5015	65.0000
Ho-Milc 7-60	30.0000
Maltodextrin	5.0000

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.

9/22/2005

NUTRITIONAL PROFILE ¹

Protein, %	14.4	Minerals	
Arginine, %	0.82	Ash, %	5.0
Histidine, %	0.35	Calcium, %	0.60
Isoleucine, %	0.83	Phosphorus, %	0.41
Leucine, %	1.20	Phosphorus (available), %	0.23
Lysine, %	0.93	Potassium, %	0.77
Methionine, %	0.32	Magnesium, %	0.12
Cystine, %	0.23	Sulfur, %	0.26
Phenylalanine, %	0.66	Sodium, %	0.41
Tyrosine, %	0.44	Chlorine, %	0.63
Threonine, %	0.61	Fluorine, ppm	4.4
Tryptophan, %	0.21	Iron, ppm	129
Valine, %	0.79	Zinc, ppm	77
Alanine, %	0.80	Manganese, ppm	78
Aspartic Acid, %	1.65	Copper, ppm	19
Glutamic Acid, %	3.59	Cobalt, ppm	0.43
Glycine, %	0.62	Iodine, ppm	0.94
Proline, %	1.18	Chromium, ppm	0.28
Serine, %	0.85	Selenium, ppm	0.16
Taurine, %	0.00		
Fat (ether extract), %	24.4	Vitamins	
Fat (acid hydrolysis), %	24.8	Carotene, ppm	0.2
Cholesterol, ppm	18	Vitamin A, IU/g	20
Linoleic Acid, %	3.31	Vitamin D-3 (added), IU/g	2.1
Linolenic Acid, %	0.15	Vitamin E, IU/kg	19
Arachidonic Acid, %	0.10	Vitamin K (as menadione), ppm	1.9
Omega-3 Fatty Acids, %	0.20	Thiamin Hydrochloride, ppm	9
Total Saturated Fatty Acids, %	9.60	Riboflavin, ppm	5.5
Total Monounsaturated Fatty Acids, %	10.56	Niacin, ppm	62
		Pantothenic Acid, ppm	18
Fiber (max), %	1.6	Folic Acid, ppm	2.1
Neutral Detergent Fiber ² , %	6.0	Pyridoxine, ppm	4.42
Acid Detergent Fiber ³ , %	2.1	Biotin, ppm	0.1
		Vitamin B-12, mcg/kg	11
Nitrogen-Free Extract (by difference), %	44.7	Choline Chloride, ppm	1,499
Starch, %	21.53	Ascorbic Acid, ppm	0.0
Glucose, %	0.11		
Fructose, %	0.07		
Sucrose, %	0.60		
Lactose, %	9.86		
Total Digestible Nutrients, %	104.6		
Energy (kcal/g) ⁴	4.55		
From:	kcal	%	
Protein	0.575	12.6	
Fat (ether extract)	2.192	48.1	
Carbohydrates	1.786	39.2	

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. Moisture content is assumed to be 10.0% for the purpose of calculations.
 2. NDF = approximately cellulose, hemicellulose and lignin.
 3. ADF = approximately cellulose and lignin.
 4. Energy (kcal/gm) - Sum of decimal fractions of protein, fat and carbohydrate x 4,9,4 kcal/gm respectively.

