

DESCRIPTION

PicoLab[®] Rodent Diet 20 is a Constant Nutrition[™], 20 % protein diet formulated for rat, hamster and mouse breeding colonies. Irradiation treatment and special 4-ply packaging provide virtually bacteria-free dietary control.

Features and Benefits

- Formulated with 20% protein for breeding colonies
- Reliable microbial control
- Precision processing assures constant nutritional quality
- Irradiation eliminates the need for autoclaving

Product Forms Available

- Oval pellet, 10 mm x 16 mm x 25 mm length (3/8"x5/8"x1")
- Meal (ground pellets), special order

GUARANTEED ANALYSIS

Crude protein not less than	20.0%
Crude fat not less than	4.5%
Crude fiber not more than	6.0%
Ash not more than	7.0%
Added minerals not more than	2.5%

INGREDIENTS

Ground corn, dehulled soybean meal, wheat middlings, ground wheat, fish meal, cane molasses, wheat germ, dried beet pulp, brewers dried yeast, dehydrated alfalfa meal, ground oats, dried whey, soybean oil, calcium carbonate, salt, menadione dimethylpyrimidinol bisulfite, DL-methionine, choline chloride, vitamin A acetate, pyridoxine hydrochloride, cholecalciferol, dl-alpha tocopheryl acetate, thiamin mononitrate, folic acid, nicotinic acid, calcium pantothenate, riboflavin, cyanocobalamin, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate.

FEEDING DIRECTIONS

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

Rats- All rats will eat varying amounts of feed depending on their genetic origin. Larger strains will eat between 15-30 grams per day. Smaller strains will eat between 12-15 grams per day. Feeders in rat cages should be designed to hold two to three days supply of feed at one time.

Mice- Adult mice will eat 4 to 5 grams of pelleted ration daily. Some of the larger strains may eat as much as 8 grams per day per animal. Feed should be available on a free choice basis in wire feeders above the floor of the cage.

Hamsters- Adults will eat 10 to 14 grams per day.

Other Versions Available

- 5061 Pico-Vac[®] Lab Rodent Diet: Oval pellet, 10 mm x 16 mm x 25 mm length (3/8"x5/8"x1")

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	20.0
Arginine, %	1.20
Cystine, %	0.28
Glycine, %	0.94
Histidine, %	0.49
Isoleucine, %	1.03
Leucine, %	1.56
Lysine, %	1.13
Methionine, %	0.43
Phenylalanine, %	0.89
Tyrosine, %	0.56
Threonine, %	0.78
Tryptophan, %	0.25
Valine, %	1.03
Serine, %	1.00
Aspartic Acid, %	2.10
Glutamic Acid, %	4.33
Alanine, %	1.12
Proline, %	1.47
Taurine, %	0.02
Fat (ether extract), %	4.5
Fat (acid hydrolysis), %	5.4
Cholesterol, ppm	149
Linoleic Acid, %	2.26
Linolenic Acid, %	0.20
Arachidonic Acid, %	<0.01
Omega-3 Fatty Acids, %	0.36
Total Saturated Fatty Acids, %	0.84
Total Monounsaturated Fatty Acids, %	1.04
Fiber (Crude), %	4.7
Neutral Detergent Fiber ³ , %	15.3
Acid Detergent Fiber ⁴ , %	6.2
Nitrogen-Free Extract (by difference), %	54.8
Starch, %	32.1
Glucose, %	0.20
Fructose, %	0.25
Sucrose, %	3.14
Lactose, %	1.11
Total Digestible Nutrients, %	75.3
Gross Energy, kcal/gm	4.02
Physiological Fuel Value⁵, kcal/gm	3.40
Metabolizable Energy, kcal/gm	3.08
Minerals	
Ash, %	6.0
Calcium, %	0.80
Phosphorus, %	0.62
Phosphorus (non-phytate), %	0.33
Potassium, %	0.97
Magnesium, %	0.23

Sulfur, %	0.26
Sodium, %	0.33
Chlorine, %	0.52
Fluorine, ppm	18
Iron, ppm	210
Zinc, ppm	81
Manganese, ppm	80
Copper, ppm	13
Cobalt, ppm	0.64
Iodine, ppm	0.52
Chromium, ppm	2.7
Selenium, ppm	0.22

Vitamins

Carotene, ppm	3.8
Vitamin K (as menadione), ppm	3.3
Thiamin Hydrochloride, ppm	18
Riboflavin, ppm	8.0
Niacin, ppm	93
Pantothenic Acid, ppm	17
Choline Chloride, ppm	1800
Folic Acid, ppm	2.9
Pyridoxine, ppm	7.4
Biotin, ppm	0.1
B ₁₂ , mcg/kg	18
Vitamin A, IU/gm	25
Vitamin D ₃ (added), IU/gm	2.2
Vitamin E, IU/kg	99
Ascorbic Acid, mg/gm	—

Calories provided by:

Protein, %	23.550
Fat (ether extract), %	11.922
Carbohydrates, %	64.528

*Product Code

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analysis will differ accordingly.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemi-cellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.