PicoLab® Mouse Diet 20 5058*

DESCRIPTION

PicoLab® Mouse Diet 20 is a Constant Nutrition™ formulation providing 20% protein for mouse colonies that require extra levels of energy needed for maximum production in post-partum breeding. Irradiation treatment and special 4-ply packaging provide virtually bacteria-free dietary control.

Features and Benefits

- Formulated with 20% protein for mouse breeding colonies
- Reliable microbial control
- Precision processing assures Constant Nutrition™ 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	9.0%
Crude fiber not more than	4.0%
Ash not more than	6.5%
Added minerals not more than	2.5%

INGREDIENTS

Ground wheat, ground corn, dehulled soybean meal, wheat germ, fish meal, brewers dried yeast, corn gluten meal, porcine animal fat preserved with BHA, soybean oil, calcium carbonate, salt, dicalcium phosphate, monocalcium phosphate, choline chloride, menadione dimethylpyrimidinol bisulfite, DL-methionine, vitamin A acetate, cholecalciferol, pyridoxine hydrochloride, dried whey, folic acid, dl-alpha tocopheryl acetate, biotin, thiamin mononitrate, calcium pantothenate, lecithin, riboflavin, nicotinic acid, casein, cyanocobalamin, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

FEEDING DIRECTIONS

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

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.

Other Versions Available

- 5062 Pico-Vac® Mouse Diet 20: Oval pellet, 10 mm x 16 mm x 25 mm length (3/8"x5/8"x1")

CHEMICAL COMPOSITION[1]

Nutrients[2]

Protein, %	**20.5**
Arginine, %	1.13
Cystine, %	0.30
Glycine, %	0.92
Histidine, %	0.46
Isoleucine, %	1.05
Leucine, %	1.58
Lysine, %	1.10
Methionine, %	0.48
Phenylalanine, %	0.90
Tyrosine, %	0.52
Threonine, %	0.77
Tryptophan, %	0.26
Valine, %	1.00
Serine, %	1.07
Aspartic Acid, %	1.88
Glutamic Acid, %	5.17
Alanine, %	1.22
Proline, %	1.69
Taurine, %	0.02
Fat (ether extract), %	**9.0**
Fat (acid hydrolysis), %	**9.5**
Cholesterol, ppm	221
Linoleic Acid, %	2.34
Linolenic Acid, %	0.26
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.45
Total Saturated Fatty Acids, %	3.18
Total Monounsaturated Fatty Acids, %	3.01
Fiber (Crude), %	**2.7**
Neutral Detergent Fiber[3], %	9.7
Acid Detergent Fiber[4], %	3.5
Nitrogen-Free Extract (by difference), %	**53.0**
Starch, %	38.0
Glucose, %	0.02
Fructose, %	0.02
Sucrose, %	0.30
Lactose, %	0.78
Total Digestible Nutrients,%	**81.5**
Gross Energy, kcal/gm	**4.20**
Physiological Fuel Value[5], kcal/gm	**3.75**
Metabolizable Energy, kcal/gm	**3.59**

Minerals

Ash, %	**4.8**
Calcium, %	0.70
Phosphorus, %	0.60
Phosphorus (non-phytate), %	0.37
Potassium, %	0.69
Magnesium, %	0.17
Sulfur, %	0.20
Sodium, %	0.26
Chlorine, %	0.45
Fluorine, ppm	15
Iron, ppm	160
Zinc, ppm	114
Manganese, ppm	136
Copper, ppm	17
Cobalt, ppm	0.36
Iodine, ppm	1.0
Chromium, ppm	2.2
Selenium, ppm	0.33

Vitamins

Carotene, ppm	Trace
Vitamin K (as menadione),ppm	3.1
Thiamin Hydrochloride, ppm	16
Riboflavin, ppm	8
Niacin, ppm	104
Pantothenic Acid, ppm	21
Choline Chloride, ppm	2200
Folic Acid, ppm	2.0
Pyridoxine, ppm	7.4
Biotin, ppm	0.2
B_{12}, mcg/kg	14
Vitamin A, IU/gm	28
Vitamin D_3 (added), IU/gm	3.2
Vitamin E, IU/kg	66
Ascorbic Acid, mg/gm	—

Calories provided by:

Protein, %	21.867
Fat (ether extract), %	21.600
Carbohydrates, %	56.533

*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.