

DESCRIPTION

Pico-Vac[®] 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. It is vacuum packed in plastic bags that are irradiated to provide a virtually bacteria-free ration. The vacuum package provides a visual confirmation that the seal on the bag has not been broken.

Features and Benefits

- Formulated with 20% protein for mouse breeding colonies
- Irradiation gives reliable microbial control and eliminates the need for autoclaving
- Precision processing and selection of highest quality ingredients assures Constant Nutrition[®] quality
- Designed to meet the energy needs of breeding mouse colonies, transgenic strains, and mice exposed to higher stress levels
- Vacuum packaged in small quantities (2.3 kg/5 lb) for ease of handling and to provide a visual check for package integrity

Product Forms Available

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

Other Versions Available

- 5058 PicoLab[®] Mouse Diet 20

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, vitamin B₁₂ supplement, 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 up 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.

CHEMICAL COMPOSITION¹

Nutrients²			
Protein, %	21.8	Sulfur, %	.027
Arginine, %	1.15	Sodium, %	.025
Cystine, %	0.31	Chlorine, %	.042
Glycine, %	0.93	Fluorine, ppm	.12
Histidine, %	0.50	Iron, ppm	.200
Isoleucine, %	1.02	Zinc, ppm	.120
Leucine, %	1.82	Manganese, ppm	.120
Lysine, %	1.13	Copper, ppm	.17
Methionine, %	0.67	Cobalt, ppm	.055
Phenylalanine, %	0.97	Iodine, ppm	.15
Tyrosine, %	0.64	Chromium, ppm	.056
Threonine, %	0.79	Selenium, ppm	.030
Tryptophan, %	0.25		
Valine, %	1.03	Vitamins	
Serine, %	1.07	Carotene, ppm	Trace
Aspartic Acid, %	2.13	Vitamin K (as menadione), ppm	.31
Glutamic Acid, %	4.47	Thiamin Hydrochloride, ppm	.15
Alanine, %	1.34	Riboflavin, ppm	.80
Proline, %	1.54	Niacin, ppm	.90
Taurine, %	0.02	Pantothenic Acid, ppm	.21
Fat (ether extract), %	9.0	Choline Chloride, ppm	.2200
Fat (acid hydrolysis), %	9.1	Folic Acid, ppm	.29
Cholesterol, ppm	.200	Pyridoxine, ppm	.96
Linoleic Acid, %	2.32	Biotin, ppm	.030
Linolenic Acid, %	0.21	B ₁₂ , mcg/kg	.51
Arachidonic Acid, %	0.02	Vitamin A, IU/gm	.15
Omega-3 Fatty Acids, %	0.32	Vitamin D ₃ (added), IU/gm	.33
Total Saturated Fatty Acids, %	2.72	Vitamin E, IU/kg	.57
Total Monounsaturated		Ascorbic Acid, mg/gm	—
Fatty Acids, %	2.88		
Fiber (Crude), %	2.2	Calories provided by:	
Neutral Detergent Fiber ³ , %	10.8	Protein, %	23.189
Acid Detergent Fiber ⁴ , %	3.0	Fat (ether extract), %	21.635
Nitrogen-Free Extract		Carbohydrates, %	55.176
(by difference), %	51.8	*Product Code	
Starch, %	39.3	1. Formulation based on calculated	
Glucose, %	0.16	values from the latest ingredient	
Fructose, %	0.16	analysis information. Since	
Sucrose, %	0.71	nutrient composition of natural	
Lactose, %	0.78	ingredients varies and some	
Total Digestible Nutrients, %	85.3	nutrient loss will occur due to	
Gross Energy, kcal/gm	4.60	manufacturing processes, analysis	
Physiological Fuel Value⁵,		will differ accordingly.	
kcal/gm	3.75	2. Nutrients expressed as percent of	
Metabolizable Energy,		ration except where otherwise	
kcal/gm	3.56	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 carbo-	
		hydrate (use Nitrogen Free	
		Extract) x 4,9,4 kcal/gm	
		respectively.	