

DESCRIPTION

Advanced Protocol® Pico-Vac® Rodent Soft Mix is a Constant Nutrition® diet similar in nutritional composition to LabDiet® Pico-Vac® Mouse Diet 20 (5062) and is designed to be mixed with water and fed to animals that have difficulty eating solid food. This diet is formulated using the unique and innovative concept of Constant Nutrition®, paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies. The diet provides extra levels of energy needed by animals in stress-type situations. The product is vacuum packed in plastic bags and irradiated to provide a virtually bacteria-free ration. The vacuum package provides visual confirmation that the seal on the bag is not broken.

Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- When mixed with water, provides a diet that can be easily consumed
- Irradiation gives reliable microbial control and eliminates the need for autoclaving
- Provides complete nutrition for all life stages of rats, mice and hamsters.
- Vacuum packaged in small packages (2.3 kg/5 lb) for ease of handling and to provide a visual check for package integrity

Product Forms Available

- Meal

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, wheat flour, corn starch, vitamin A acetate, pyridoxine hydrochloride, cholecalciferol, brewers dried yeast, corn gluten meal, porcine animal fat preserved with BHA, dried whey, soybean oil, biotin, folic acid, dl-alpha tocopheryl acetate, calcium carbonate, thiamin mononitrate, calcium pantothenate, salt, riboflavin, nicotinic acid, dicalcium phosphate, choline chloride, menadione dimethylpyrimidinol bisulfite, vitamin B₁₂ supplement, DL-methionine, manganous oxide, ferrous carbonate, calcium iodate, cobalt carbonate, copper sulfate, zinc oxide, zinc sulfate, sodium selenite.

FEEDING DIRECTIONS

Mix diet with about an equal weight of water. The level of water should be adjusted to give the desired consistency. The wet diet can be fed on the cage floor or in a shallow feeder to mice or rats. Although this is a diet containing 9% fat designed for mice, it can also be fed to rats and should be particularly useful in situations where animals are highly stressed. Fresh feed should be provided twice daily. Plenty of fresh water should be available to animals at all times.

Rats— All rats will eat varying amounts of feed depending on their genetic origin. Larger strains will eat up to 30 grams per day. Smaller strains will eat up to 15 grams per day.

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.

Hamsters— Adults will eat up to 14 grams per day.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	21.8	Sulfur, %	0.25
Arginine, %	1.18	Sodium, %	0.26
Cystine, %	0.32	Chlorine, %	0.45
Glycine, %	0.93	Fluorine, ppm	12
Histidine, %	0.50	Iron, ppm	200
Isoleucine, %	1.09	Zinc, ppm	120
Leucine, %	1.82	Manganese, ppm	110
Lysine, %	1.13	Copper, ppm	17
Methionine, %	0.49	Cobalt, ppm	0.34
Phenylalanine, %	0.99	Iodine, ppm	1.1
Tyrosine, %	0.62	Chromium, ppm	2.3
Threonine, %	0.80	Selenium, ppm	0.33
Tryptophan, %	0.26		
Valine, %	1.07		
Serine, %	1.12		
Aspartic Acid, %	2.20		
Glutamic Acid, %	4.98		
Alanine, %	1.37		
Proline, %	1.70		
Taurine, %	0.02		

Fat (ether extract), % 9.0

Fat (acid hydrolysis), % 9.9

Cholesterol, ppm 213

Linoleic Acid, % 2.39

Linolenic Acid, % 0.26

Arachidonic Acid, % 0.01

Omega-3 Fatty Acids, % 0.44

Total Saturated Fatty Acids, % 3.06

Total Monounsaturated

Fatty Acids, % 3.10

Fiber (Crude), % 2.1

Neutral Detergent Fiber³, % 7.6

Acid Detergent Fiber⁴, % 2.8

Nitrogen-Free Extract

(by difference), % 52.3

Starch, % 38.7

Glucose, % 0.13

Fructose, % 0.12

Sucrose, % 0.65

Lactose, % 0.78

Total Digestible Nutrients, % 86.9

Gross Energy, kcal/gm 4.33

Physiological Fuel Value⁵,

kcal/gm 3.77

Metabolizable Energy,

kcal/gm 3.64

Minerals

Ash, % 4.8

Calcium, % 0.81

Phosphorus, % 0.60

Phosphorus (non-phytate), % 0.36

Potassium, % 0.65

Magnesium, % 0.15

Vitamins

Carotene, ppm 2.1

Vitamin K (as menadione), ppm 2.9

Thiamin Hydrochloride, ppm 15

Riboflavin, ppm 8.0

Niacin, ppm 93

Pantothenic Acid, ppm 21

Choline Chloride, ppm 2200

Folic Acid, ppm 2.0

Pyridoxine, ppm 7.4

Biotin, ppm 0.24

B₁₂, mcg/kg 15

Vitamin A, IU/gm 30

Vitamin D₃ (added), IU/gm 3.2

Vitamin E, IU/kg 66

Ascorbic Acid, mg/gm —

Calories provided by:

Protein, % 23.105

Fat (ether extract), % 21.463

Carbohydrates, % 55.432

*Product Code

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, 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.