

DESCRIPTION

Prolab[®] RMH 2500 is an economical, complete and balanced diet manufactured under controlled formulation to assure Constant Nutrition[®]. 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. This diet is a versatile rodent diet designed for laboratory rats, mice and hamsters, in a wide range of applications, including research studies and non-intensive reproduction.

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
- Utilizes a wider range of energy sources to deliver nutrition at an economical cost

Product Forms Available

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

Other Versions Available

- 5R24 Prolab[®] RMH 2500, Autoclavable

GUARANTEED ANALYSIS

Crude protein not less than	23.0%
Crude fat not less than	4.5%
Crude fiber not more than	6.0%
Ash not more than	8.0%
Added minerals not more than	2.5%

INGREDIENTS

Dehulled soybean meal, ground corn, wheat middlings, ground oats, cane molasses, porcine animal fat preserved with BHA, fish meal, dehydrated alfalfa meal, dried beet pulp, wheat germ, salt, calcium carbonate, dried whey, porcine meat meal, ground wheat, ground soybean hulls, dicalcium phosphate, monocalcium phosphate, DL-methionine, corn gluten meal, menadione dimethylpyrimidinol bisulfite, choline chloride, soybean oil, cholecalciferol, brewers dried yeast, pyridoxine hydrochloride, folic acid, vitamin A acetate, thiamin mononitrate, biotin, dl-alpha tocopheryl acetate, nicotinic acid, calcium pantothenate, riboflavin, vitamin B₁₂ supplement, ferrous sulfate, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

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 up to 30 grams per day. Smaller strains will eat up to 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 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.

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

CHEMICAL COMPOSITION¹

Nutrients²		
Protein, %	24.0	Sulfur, % 0.29
Arginine, %	1.55	Sodium, % 0.40
Cystine, %	0.34	Chlorine, % 0.70
Glycine, %	1.17	Fluorine, ppm 12
Histidine, %	0.59	Iron, ppm 290
Isoleucine, %	1.16	Zinc, ppm 110
Leucine, %	1.87	Manganese, ppm 110
Lysine, %	1.40	Copper, ppm 17
Methionine, %	0.43	Cobalt, ppm 0.51
Phenylalanine, %	1.11	Iodine, ppm 1.4
Tyrosine, %	0.73	Chromium, ppm 1.2
Threonine, %	0.92	Selenium, ppm 0.48
Tryptophan, %	0.31	
Valine, %	1.25	Vitamins
Serine, %	1.27	Carotene, ppm 2.0
Aspartic Acid, %	2.61	Vitamin K (as menadione), ppm 3.2
Glutamic Acid, %	5.23	Thiamin Hydrochloride, ppm 20
Alanine, %	1.21	Riboflavin, ppm 12
Proline, %	1.70	Niacin, ppm 130
Taurine, %	0.005	Pantothenic Acid, ppm 24
Fat (ether extract), %	4.5	Choline Chloride, ppm 2300
Fat (acid hydrolysis), %	6.0	Folic Acid, ppm 7.9
Cholesterol, ppm	101	Pyridoxine, ppm 8.0
Linoleic Acid, %	1.53	Biotin, ppm 0.28
Linolenic Acid, %	0.11	B ₁₂ , mcg/kg 49
Arachidonic Acid, %	0.004	Vitamin A, IU/gm 22
Omega-3 Fatty Acids, %	0.17	Vitamin D ₃ (added), IU/gm 5.0
Total Saturated Fatty Acids, %	1.55	Vitamin E, IU/kg 52
Total Monounsaturated		Ascorbic Acid, mg/gm —
Fatty Acids, %	1.24	
Fiber (Crude), %	5.3	Calories provided by:
Neutral Detergent Fiber ³ , %	15.4	Protein, % 28.768
Acid Detergent Fiber ⁴ , %	6.3	Fat (ether extract), % 12.137
Nitrogen-Free Extract		Carbohydrates, % 59.095
(by difference), %	49.3	*Product Code
Starch, %	21.5	1. Formulation based on calculated
Glucose, %	0.2	values from the latest ingredient
Fructose, %	0.2	analysis information. Since
Sucrose, %	3.4	nutrient composition of natural
Lactose, %	0.6	ingredients varies and some
Total Digestible Nutrients, %	75.7	nutrient loss will occur due to
Gross Energy, kcal/gm	4.05	manufacturing processes, analysis
Physiological Fuel Value⁵,		will differ accordingly.
kcal/gm	3.34	2. Nutrients expressed as percent of
Metabolizable Energy,		ration except where otherwise
kcal/gm	3.04	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.