

DESCRIPTION

Prolab® RMH 2500 is an economical, complete and balanced diet manufactured under controlled formulation to assure Constant Nutrition™. 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. Formulated as an equivalent to non-controlled diets. Refer to the Shelf Life section at the end of this book for product longevity information and storage suggestions.

Features and Benefits

- Utilizes a wider range of energy sources to develop nutrition at economical cost
- Provides Constant Nutrition™

Product Forms Available

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

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, cane molasses, ground oats, dehydrated alfalfa meal, fish meal, animal fat preserved with BHA, dried beet pulp, calcium carbonate, porcine meat meal, ground wheat, salt, wheat germ, dried whey, ground soybean hulls, dicalcium phosphate, corn gluten meal, menadione dimethylpyrimidinol bisulfite (source of vitamin K), choline chloride, soybean oil, cholecalciferol, brewers dried yeast, folic acid, DL-methionine, vitamin A acetate, pyridoxine hydrochloride, thiamin mononitrate, calcium pantothenate, nicotinic acid, dl-alpha tocopheryl acetate, riboflavin, cyanocobalamin, 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. Refer to the "Animal Care and Biological Values" section of this manual for detailed feeding directions.

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.

CHEMICAL COMPOSITION¹

Nutrients²		Sulfur, %	0.29
Protein, %	24.0	Sodium, %	0.40
Arginine, %	1.55	Chlorine, %	0.70
Cystine, %	0.34	Fluorine, ppm	12
Glycine, %	1.17	Iron, ppm	290
Histidine, %	0.59	Zinc, ppm	110
Isoleucine, %	1.16	Manganese, ppm	110
Leucine, %	1.87	Copper, ppm	17
Lysine, %	1.40	Cobalt, ppm	0.51
Methionine, %	0.43	Iodine, ppm	1.4
Phenylalanine, %	1.11	Chromium, ppm	1.2
Tyrosine, %	0.73	Selenium, ppm	0.48
Threonine, %	0.92		
Tryptophan, %	0.31	Vitamins	
Valine, %	1.25	Carotene, ppm	2.0
Serine, %	1.27	Vitamin K (as menadione), ppm	3.2
Aspartic Acid, %	2.61	Thiamin Hydrochloride, ppm	20
Glutamic Acid, %	5.23	Riboflavin, ppm	12
Alanine, %	1.21	Niacin, ppm	130
Proline, %	1.70	Pantothenic Acid, ppm	24
Taurine, %	0.005	Choline Chloride, ppm	2300
Fat (ether extract), %	4.5	Folic Acid, ppm	7.9
Fat (acid hydrolysis), %	6.0	Pyridoxine, ppm	8.0
Cholesterol, ppm	101	Biotin, ppm	0.28
Linoleic Acid, %	1.53	B ₁₂ , mcg/kg	49
Linolenic Acid, %	0.11	Vitamin A, IU/gm	22
Arachidonic Acid, %	0.004	Vitamin D ₃ (added), IU/gm	5.0
Omega-3 Fatty Acids, %	0.17	Vitamin E, IU/kg	52
Total Saturated Fatty Acids, %	1.55	Ascorbic Acid, mg/gm	—
Total Monounsaturated 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 (by difference), %	49.3	Carbohydrates, %	59.095
Starch, %	21.5	*Product Code	
Glucose, %	0.2	1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analysis will differ accordingly.	
Fructose, %	0.2	2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.	
Sucrose, %	3.4	3. NDF = approximately cellulose, hemi-cellulose and lignin.	
Lactose, %	0.6	4. ADF = approximately cellulose and lignin.	
Total Digestible Nutrients, %	75.7	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.	
Gross Energy, kcal/gm	4.05		
Physiological Fuel Value⁵, kcal/gm	3.34		
Metabolizable Energy, kcal/gm	3.04		
Minerals			
Ash, %	6.9		
Calcium, %	0.95		
Phosphorus, %	0.69		
Phosphorus (non-phytate), %	0.33		
Potassium, %	1.20		
Magnesium, %	0.25		