Prolab® RMH 3500 Autoclavable 5P04

DESCRIPTION

Prolab® RHM 3500 Autoclavable is a 22% protein diet formulated for rats, mice and hamsters in a laboratory setting. This diet is a complete life-cycle diet formulated using managed formulation, delivering Constant Nutrition®. This is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies..

Features and Benefits

- Managed Formulation delivers Constant Nutrition®
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- Supports optimum growth and efficient reproductive performance of rats, hamsters, and many mouse strains
- Utilizes a variety of energy sources to deliver nutrition at an economical cost
- Fortified with vitamins to account for losses during the autoclave process.
- Coated with silicon dioxide to reduce sticking and clumping

Product Forms Available	***Catalog #***
• Oval pellet, 3/8" x 5/8" x 1", 25 lb	0006778
Irradiated Versions Available	***Catalog #***
• 5P75 Prolab® IsoPro® RMH 3000, Vacuum Packaged 5 lb, 6 per box (30 lb box)	0006972
• 5P75 Prolab® IsoPro® RMH 3000 Meal, Vacuum Packaged 5 lb, 6 per box (30 lb box)	0036665
• 5P76 Prolab® IsoPro® RMH 3000, 30 lb	3005737-220
• 5P76 Prolab® IsoPro® RMH 3000, Extruded, 20 lb	** 3005984-712
Non-Irradiated Versions Available	***Catalog #***
• 5P00 Prolab® RMH 3000, 50 lb	0001495

GUARANTEED ANALYSIS

Crude protein not less than	22.00%
Crude fat not less than	5.00%
Crude fiber not more than	5.00%
Moisture not more than	12.00%
Ash not more than	8.00%
Sodium not more than	0.53%

INGREDIENTS

Ground Wheat, Dehulled Soybean Meal, Wheat Middlings, Ground Corn, Fish Meal, Ground Soybean Hulls, Soybean Oil, Dehydrated Alfalfa Meal, Calcium Carbonate, Brewers Dried Yeast, Dicalcium Phosphate, Salt, DL-Methionine, L-Lysine, Thiamine Mononitrate, Choline Chloride, Vitamin A Acetate, Silicon Dioxide, Pyridoxine Hydrochloride, Ferrous Sulfate, Magnesium Oxide, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Cholecalciferol (Vitamin D3), Manganous Oxide, Calcium Pantothenate, DL-Alpha Tocopheryl Acetate (Vitamin E), Folic Acid, Riboflavin Supplement, Vitamin B12 Supplement, Zinc Oxide, Ferrous Carbonate, Nicotinic Acid, Copper Sulfate, Zinc Sulfate, Calcium Iodate, Cobalt Carbonate, Biotin.

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.

For information regarding shelf life please visit www.labdiet.com.

CHEMICAL COMPOSITION[1]

Nutrients[2]

Protein, %	**22.5**
Arginine, %	1.34
Cystine, %	0.40
Glycine, %	1.12
Histidine, %	0.55
Isoleucine, %	0.88
Leucine, %	1.60
Lysine, %	1.34
Methionine, %	0.58
Phenylalanine, %	0.97
Tyrosine, %	0.64
Threonine, %	0.81
Tryptophan, %	0.27
Valine, %	1.02
Serine, %	1.10
Aspartic Acid, %	2.28
Glutamic Acid, %	4.98
Alanine, %	1.22
Proline, %	1.50
Taurine, %	0.05
Fat (ether extract), %	**5.6**
Fat (acid hydrolysis), %	**6.8**
Cholesterol, ppm	265
Linoleic Acid, %	2.47
Linolenic Acid, %	0.35
Arachidonic Acid, %	0.03
Omega-3 Fatty Acids, %	0.64
Total Saturated Fatty Acids, %	1.11
Total Monounsaturated Fatty Acids, %	1.13
Fiber (Crude), %	**4.9**
Neutral Detergent Fiber[3], %	15.8
Acid Detergent Fiber[4], %	6.3
Nitrogen-Free Extract (by difference), %	**50.1**
Starch, %	31.9
Sucrose, %	1.16
Total Digestible Nutrients,%	**77.4**
Gross Energy, kcal/gm	**4.13**
Physiological Fuel Value[5], kcal/gm	**3.40**
Metabolizable Energy, kcal/gm	**3.11**

Minerals

Ash, %	**6.9**
Calcium, %	1.31
Phosphorus, %	0.81
Phosphorus (non-phytate), %	0.55
Potassium, %	0.88
Magnesium, %	0.21
Sulfur, %	0.29
Sodium, %	0.28
Chloride, %	0.49
Fluorine, ppm	21
Iron, ppm	390
Zinc, ppm	110
Manganese, ppm	140
Copper, ppm	13
Cobalt, ppm	0.49
Iodine, ppm	1.00
Chromium (added), ppm	0.01
Selenium, ppm	0.43

Vitamins

Carotene, ppm	1.2
Vitamin K, ppm	1.6
Thiamin, ppm	83
Riboflavin, ppm	16
Niacin, ppm	77
Pantothenic Acid, ppm	32
Choline, ppm	1760
Folic Acid, ppm	2.9
Pyridoxine, ppm	8.0
Biotin, ppm	0.40
B_{12}, mcg/kg	74
Vitamin A, IU/gm	30
Vitamin D_3 (added), IU/gm	2.3
Vitamin E, IU/kg	76
Ascorbic Acid, mg/gm	0.0

Calories provided by:

Protein, %	26.435
Fat (ether extract), %	14.728
Carbohydrates, %	58.837

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 carbo- hydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.

NOTE: When assayed, actual levels may vary from calculated values.

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www.labdiet.com