

Prolab® Isopro® RMH 3000

5P75*
5P76*

DESCRIPTION

Prolab® Isopro® RMH 3000 (5P75 & 5P76) is the companion product to Prolab® RMH 3000 (5P00). 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. Irradiation gives reliable microbial control and eliminates the need for autoclaving. Irradiation treatment provides virtually bacteria-free dietary control. Product 5P75 is vacuum packed in five pound packages, and packaged 6 units per box. Product 5P76 is offered in 25 lb. 3-ply packaging.

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
- Irradiation gives reliable microbial control and eliminates the need for autoclaving
- Supports fast growth and maximum reproduction performance of rats and hamsters
- Formulated to feed rats, hamsters and many mouse strains
- Companion product of Prolab® RMH 3000

Product Forms Available

- Oval pellet, 10 mm x 16 mm x 25 mm length (3/8"x5/8"x1")
 - 5P75 - Irradiated, Vacuum Packaged 6.5# Boxes
 - 5P76 - Irradiated, 25#

Other Versions Available

- 5P00 Prolab® RMH 3000

GUARANTEED ANALYSIS

Crude protein not less than	22.0%
Crude fat not less than	5.0%
Crude fiber not more than	5.0%
Ash not more than	6.0%

INGREDIENTS

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

FEEDING DIRECTIONS

Isopro® diets have been irradiated to reduce the microbial content and eliminate the need for autoclaving. Prolab® Isopro® RMH 3000 Irradiated is especially designed for growth and reproduction of rodents. It contains all the nutrients that are required for growth, lactation, and reproduction. This diet should be fed free choice in a self-feeder. Keep a constant supply of fresh water available.

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.

12/14/09

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	22.5
Arginine, %	1.37
Cystine, %	0.30
Glycine, %	1.11
Histidine, %	0.53
Isoleucine, %	1.14
Leucine, %	1.68
Lysine, %	1.31
Methionine, %	0.49
Phenylalanine, %	1.00
Tyrosine, %	0.60
Threonine, %	0.83
Tryptophan, %	0.30
Valine, %	1.12
Serine, %	1.20
Aspartic Acid, %	2.35
Glutamic Acid, %	5.33
Alanine, %	1.17
Proline, %	1.73
Taurine, %	0.02

Fat (ether extract), % .5.4

Fat (acid hydrolysis), % .6.4

Cholesterol, ppm	195
Linoleic Acid, %	1.73
Linolenic Acid, %	0.16
Arachidonic Acid, %	0.00
Omega-3 Fatty Acids, %	0.34
Total Saturated Fatty Acids, %	1.75
Total Monounsaturated	
Fatty Acids, %	1.60

Fiber (Crude), % .4.0

Neutral Detergent Fiber³, % .15.1

Acid Detergent Fiber⁴, % .5.4

Nitrogen-Free Extract

(by difference), % .52.0

Starch, % .30.4

Glucose, % .0.1

Fructose, % .0.2

Sucrose, % .1.0

Lactose, % .0.0

Total Digestible Nutrients, % .78.7

Gross Energy, kcal/gm .4.10

Physiological Fuel Value⁵,

kcal/gm .3.46

Metabolizable Energy,

kcal/gm .3.20

Minerals

Ash, % .6.1

Calcium, % .1.00

Phosphorus, % .0.75

Phosphorus (non-phytate), % .0.44

Potassium, % .0.91

Magnesium, % .0.24

Sulfur, %	0.26
Sodium, %	0.26
Chlorine, %	0.44
Fluorine, ppm	16
Iron, ppm	380
Zinc, ppm	120
Manganese, ppm	96
Copper, ppm	12
Cobalt, ppm	0.27
Iodine, ppm	0.98
Chromium, ppm	1.4
Selenium, ppm	0.21

Vitamins

Carotene, ppm	2.6
Vitamin K (as menadione), ppm	1.9
Thiamin Hydrochloride, ppm	10
Riboflavin, ppm	14
Niacin, ppm	63
Pantothenic Acid, ppm	13
Choline Chloride, ppm	1600
Folic Acid, ppm	1.2
Pyridoxine, ppm	7.6
Biotin, ppm	0.38
B ₁₂ , mcg/kg	75
Vitamin A, IU/gm	29
Vitamin D ₃ (added), IU/gm	2.4
Vitamin E, IU/kg	75
Ascorbic Acid, mg/gm	—

Calories provided by:

Protein, %	25.967
Fat (ether extract), %	14.022
Carbohydrates, %	60.011

*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.