

## DESCRIPTION

Prolab<sup>®</sup> RMH 1800 is a constant nutrient, complete life-cycle diet for rats, mice and hamsters.

## Features and Benefits

- Ideal for animal studies when economy is a concern

## GUARANTEED ANALYSIS

Crude protein not less than	18.0%
Crude fat not less than	5.0%
Crude fiber not more than	5.0%

## INGREDIENTS

Ground corn, wheat middlings, dehulled soybean meal, fish meal, dehydrated alfalfa meal, cane molasses, porcine animal fat preserved with BHA, calcium carbonate, salt, ground oats, ground wheat, ground soybean hulls, dried beet pulp, wheat germ, dicalcium phosphate, monocalcium phosphate, corn gluten meal, DL-methionine, soybean oil, magnesium oxide, menadione dimethylpyrimidinol bisulfite (vitamin K), l-lysine, vitamin A acetate, pyridoxine hydrochloride, cholecalciferol, biotin, dl-alpha tocopheryl acetate, riboflavin, vitamin B<sub>12</sub> supplement, folic acid, nicotinic acid, calcium pantothenate, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

## FEEDING DIRECTIONS

Provide feeders large enough to hold two to three days supply of Prolab<sup>®</sup> RMH 1800 at any time. Arrange feeders so that animals cannot contaminate feed with feces. Keep plenty of clean, fresh water available to the animals at all times.

## CHEMICAL COMPOSITION<sup>1</sup>

### Nutrients<sup>2</sup>

<b>Protein, %</b>	<b>18.0</b>
Arginine, %	1.02
Cystine, %	0.26
Glycine, %	0.79
Histidine, %	0.45
Isoleucine, %	0.69
Leucine, %	1.42
Lysine, %	1.00
Methionine, %	0.49
Phenylalanine, %	0.79
Tyrosine, %	0.51
Threonine, %	0.66
Tryptophan, %	0.20
Valine, %	0.89
Serine, %	0.83
Aspartic Acid, %	1.60
Glutamic Acid, %	3.71
Alanine, %	0.95
Proline, %	1.35
Taurine, %	0.00
<b>Fat (ether extract), %</b>	<b>5.3</b>
<b>Fat (acid hydrolysis), %</b>	<b>6.9</b>
Cholesterol, ppm	114
Linoleic Acid, %	1.79
Linolenic Acid, %	0.14
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.23
Total Saturated Fatty Acids, %	1.52
Total Monosaturated Fatty Acids, %	1.63
<b>Fiber (Crude), %</b>	<b>5.9</b>
Neutral Detergent Fiber <sup>3</sup> , %	16.3
Acid Detergent Fiber <sup>4</sup> , %	5.5
<b>Nitrogen-Free Extract (by difference), %</b>	<b>54.7</b>
Starch, %	23.7
Glucose, %	0.3
Fructose, %	0.3
Sucrose, %	2.2
Lactose, %	0.4
<b>Total Digestible Nutrients, %</b>	<b>77.9</b>
<b>Gross Energy, kcal/gm</b>	<b>4.03</b>
<b>Physiological Fuel Value<sup>5</sup>, kcal/gm</b>	<b>3.38</b>
<b>Metabolizable Energy, kcal/gm</b>	<b>3.19</b>
<b>Minerals</b>	
<b>Ash, %</b>	<b>5.7</b>
Calcium, %	0.85
Phosphorus, %	0.65
Phosphorus (non-phytate), %	0.29
Potassium, %	0.85
Magnesium, %	0.25

Sulfur, %	0.25
Sodium, %	0.33
Chlorine, %	0.59
Fluorine, ppm	14
Iron, ppm	260
Zinc, ppm	160
Manganese, ppm	150
Copper, ppm	21
Cobalt, ppm	0.90
Iodine, ppm	2.3
Chromium, ppm	1.9
Selenium, ppm	0.26

### Vitamins

Carotene, ppm	0.8
Vitamin K (as menadione), ppm	1.9
Thiamin Hydrochloride, ppm	11
Riboflavin, ppm	12
Niacin, ppm	110
Pantothenic Acid, ppm	14
Choline Chloride, ppm	1300
Folic Acid, ppm	3.6
Pyridoxine, ppm	7.0
Biotin, ppm	0.29
B <sub>12</sub> , mcg/kg	50
Vitamin A, IU/gm	22
Vitamin D <sub>3</sub> (added), IU/gm	1.8
Vitamin E, IU/kg	60
Ascorbic Acid, ppm	110

### Calories provided by:

Protein, %	21.192
Fat (ether extract), %	14.057
Carbohydrates, %	64.751

\*Product Code

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, 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, hemicellulose 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.