

Charles River Rat and Mouse 18% (Auto)

5L79*

GUARANTEED ANALYSIS

Crude protein not less than	18.0%
Crude fat not less than	5.0%
Crude fiber not more than	5.0%
Ash not more than	8.0%
Added minerals not more than	3.0%

INGREDIENTS

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

AUTOCLAVING SUGGESTIONS

To autoclave the pellets, place on trays, in small bags, or in larger bags, to a depth of no more than 3 inches. When steam autoclaved, the pellets swell and exert force on adjacent pellets. Confinement by a bag or container creates additional pressure, which may result in sticking. **Assay before and after autoclaving:** Conditions of sterilization must be determined for each autoclaving unit. Microbiological evaluation should be done to insure sterilization is achieved. It is best to assay the diet before and after sterilization to determine nutrient losses.

FEEDING DIRECTIONS

Provide feeders large enough to hold two to three days supply of Rat & Mouse 18% (Auto) 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 COMPOSITION¹

Nutrients²

Protein, %	18.0
Arginine, %	1.08
Cystine, %	0.28
Glycine, %	0.84
Histidine, %	0.47
Isoleucine, %	0.78
Leucine, %	1.50
Lysine, %	0.95
Methionine, %	0.48
Phenylalanine, %	0.83
Tyrosine, %	0.52
Threonine, %	0.68
Tryptophan, %	0.21
Valine, %	0.93
Serine, %	0.87
Aspartic Acid, %	1.67
Glutamic Acid, %	3.93
Alanine, %	0.97
Proline, %	1.43
Taurine, %	<0.01
Fat (ether extract), %	5.2
Fat (acid hydrolysis), %	6.7
Cholesterol, ppm	103
Linoleic Acid, %	1.9
Linolenic Acid, %	0.1
Arachidonic Acid, %	<0.1
Omega-3 Fatty Acids, %	0.2
Total Saturated Fatty Acids, %	1.7
Total Monosaturated Fatty Acids, %	1.4
Fiber (Crude), %	5.2
Neutral Detergent Fiber ³ , %	16.8
Acid Detergent Fiber ⁴ , %	5.7
Nitrogen-Free Extract (by difference), %	55.9
Starch, %	33.9
Glucose, %	0.3
Fructose, %	0.3
Sucrose, %	2.0
Lactose, %	0.3
Total Digestible Nutrients, %	78.6
Gross Energy, kcal/gm	4.04
Physiological Fuel Value⁵, kcal/gm	3.43
Metabolizable Energy, kcal/gm	3.21
Minerals	
Ash, %	5.7
Calcium, %	0.85
Phosphorus, %	0.62
Phosphorus (non-phytate), %	0.28
Potassium, %	0.85
Magnesium, %	0.25

Sulfur, %	0.28
Sodium, %	0.31
Chlorine, %	0.53
Fluorine, ppm	13
Iron, ppm	250
Zinc, ppm	150
Manganese, ppm	140
Copper, ppm	20
Cobalt, ppm	0.65
Iodine, ppm	1.7
Chromium, ppm	1.4
Selenium, ppm	0.27

Vitamins

Carotene, ppm	2.8
Vitamin K (as menadione), ppm	3.4
Thiamin Hydrochloride, ppm	92
Riboflavin, ppm	8.0
Niacin, ppm	60
Pantothenic Acid, ppm	24
Choline Chloride, ppm	1300
Folic Acid, ppm	4.2
Pyridoxine, ppm	12
Biotin, ppm	0.28
B ₁₂ , mcg/kg	19
Vitamin A, IU/gm	44
Vitamin D ₃ (added), IU/gm	1.5
Vitamin E, IU/kg	80
Ascorbic Acid, mg/gm	trace

Calories provided by:

Protein, %	21.028
Fat (ether extract), %	13.668
Carbohydrates, %	65.304

*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, 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.