

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%

INGREDIENTS

Ground Corn, Wheat Middlings, Dehulled Soybean Meal, Porcine Animal Fat Preserved with BHA and Citric Acid, Fish Meal, Cane Molasses, Calcium Carbonate, Dehydrated Alfalfa Meal, Pyridoxine Hydrochloride, Thiamine Mononitrate, Salt, Ground Oats, Whole Wheat, Ground Soybean Hulls, Dried Beet Pulp, Wheat Germ, Corn Gluten Meal, Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K), Vitamin A Acetate, Soybean Oil, DL-Methionine, Silicon Dioxide, Magnesium Oxide, Cholecalciferol, Vitamin B-12 Supplement, Calcium Pantothenate, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Folic Acid, Biotin, Riboflavin, Nicotinic Acid, L-Lysine, 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

Feed ad libitum. Provide plenty of fresh clean water at all times.

Charles River Rat and Mouse 18% (Auto), 5L79, is a branded formula for Charles River Laboratories (also the formula for 5L2F). They reserve the right to modify the formula specifications at any point in time to meet their conditions. Always be certain to have the most up to date diet specification sheet which can be found at www.labdiet.com.

01/21/15

CHEMICAL COMPOSITION¹

Nutrients²		Sulfur, %	0.24
Protein, %	18.4	Sodium, %	0.25
Arginine, %	1.16	Chloride, %	0.41
Cystine, %	0.32	Fluorine, ppm	4.4
Glycine, %	0.87	Iron, ppm	200
Histidine, %	0.49	Zinc, ppm	150
Isoleucine, %	0.74	Manganese, ppm	150
Leucine, %	1.44	Copper, ppm	22
Lysine, %	0.96	Cobalt, ppm	0.56
Methionine, %	0.38	Iodine, ppm	1.9
Phenylalanine, %	0.84	Chromium (added), ppm	0.01
Tyrosine, %	0.52	Selenium, ppm	0.46
Threonine, %	0.66		
Tryptophan, %	0.22	Vitamins	
Valine, %	0.86	Carotene, ppm	0.9
Serine, %	0.98	Vitamin K (as menadione), ppm	3.3
Aspartic Acid, %	2.03	Thiamin Hydrochloride, ppm	500
Glutamic Acid, %	3.94	Riboflavin, ppm	8.1
Alanine, %	1.09	Niacin, ppm	82
Proline, %	1.31	Pantothenic Acid, ppm	36
Taurine, %	0.01	Choline Chloride, ppm	1260
Fat (ether extract), %	5.7	Folic Acid, ppm	3.5
Fat (acid hydrolysis), %	6.8	Pyridoxine, ppm	72
Cholesterol, ppm	110	Biotin, ppm	0.30
Linoleic Acid, %	1.6	B ₁₂ , mcg/kg	130
Linolenic Acid, %	0.1	Vitamin A, IU/gm	44
Arachidonic Acid, %	<0.1	Vitamin D ₃ (added), IU/gm	1.5
Omega-3 Fatty Acids, %	0.2	Vitamin E, IU/kg	79
Total Saturated Fatty Acids, %	1.8	Ascorbic Acid, mg/gm	trace
Total Monosaturated			
Fatty Acids, %	1.9	Calories provided by:	
Fiber (Crude), %	4.4	Protein, %	21.126
Neutral Detergent Fiber ³ , %	17.1	Fat (ether extract), %	14.725
Acid Detergent Fiber ⁴ , %	5.3	Carbohydrates, %	64.149
Nitrogen-Free Extract			
(by difference), %	55.9		
Starch, %	31.9		
Glucose, %	0.3		
Fructose, %	0.3		
Sucrose, %	2.0		
Lactose, %	0.0		
Total Digestible Nutrients, %	77.1		
Gross Energy, kcal/gm	4.15		
Physiological Fuel Value⁵,			
kcal/gm	3.48		
Metabolizable Energy,			
kcal/gm	3.15		
Minerals			
Ash, %	5.6		
Calcium, %	0.85		
Phosphorus, %	0.61		
Phosphorus (non-phytate), %	0.28		
Potassium, %	0.95		
Magnesium, %	0.25		

- *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.

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