

LabDiet® JL Rat and Mouse Auto 6F C 5CJL

DESCRIPTION

LabDiet® JL Rat and Mouse Auto 6F C is a 6% fat, complete life-cycle diet formulated to meet the nutritional requirements of maintenance, breeding and lactation of rats and mice. The 5CJL is similar to LabDiet® JL Rat and Mouse/Auto 6F 5K67, modified for import into the People's Republic of China. This diet is fortified with vitamins to compensate for loss during autoclaving and contains silicon dioxide which reduces clumping. This diet is 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®](#)
- Meets the nutrient requirements for maintenance, breeding and lactation of rats and mice
- Similar to 5LG4, modified for import into the People's Republic of China
- Fortified with vitamins to account for losses during the auto-clave process
- Coated with silicon dioxide to reduce sticking and clumping during autoclaving

Product Forms Available

- Oval pellet, 3/8" x 5/8" x 1", 15 kg

Catalog

0049714

GUARANTEED ANALYSIS

Crude protein not less than	18.00%
Crude fat not less than	6.00%
Crude fiber not more than	5.00%
Ash not more than	8.00%
Moisture not more than	10.00%
Calcium not less than	0.90%
Calcium not more than	1.50%
Phosphorus not less than	0.70%

INGREDIENTS

Whole Wheat, Ground Corn, Ground Oats, Wheat Middlings, Fish Meal, Dehulled Soybean Meal, Soybean Oil, Dehydrated Alfalfa Meal, Corn Gluten Meal, Dicalcium Phosphate, Brewers Dried Yeast, Calcium Carbonate, Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K), Salt, DL-Methionine, Choline Chloride, Magnesium Oxide, Pyridoxine Hydrochloride, Cholecalciferol, Thiamine Mononitrate, Manganous Oxide, Ferrous Sulfate, Vitamin A Acetate, Biotin, Calcium Pantothenate, Calcium Iodate, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Folic Acid, Vitamin B-12 Supplement, Zinc Oxide, Riboflavin, Nicotinic Acid, Copper Sulfate.

FEEDING DIRECTIONS

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

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

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	19.3
Arginine, %	1.06
Cystine, %	0.36
Glycine, %	0.95
Histidine, %	0.44
Isoleucine, %	0.77
Leucine, %	1.51
Lysine, %	0.96
Methionine, %	0.62
Phenylalanine, %	0.85
Tyrosine, %	0.57
Threonine, %	0.68
Tryptophan, %	0.22
Valine, %	0.89
Serine, %	0.92
Aspartic Acid, %	1.81
Glutamic Acid, %	4.30
Alanine, %	1.14
Proline, %	1.40
Taurine, %	0.05

Fat (ether extract), %	6.3
Fat (acid hydrolysis), %	7.6
Cholesterol, ppm	243
Linoleic Acid, %	2.89
Linolenic Acid, %	0.40
Arachidonic Acid, %	0.02
Omega-3 Fatty Acids, %	0.64
Total Saturated Fatty Acids, %	1.27
Total Monounsaturated Fatty Acids, %	1.39
Fiber (Crude), %	4.0
Neutral Detergent Fiber ³ , %	15.2
Acid Detergent Fiber ⁴ , %	5.2
Nitrogen-Free Extract (by difference), %	53.7
Starch, %	36.4
Sucrose, %	0.75
Total Digestible Nutrients, %	76.7
Gross Energy, kcal/gm	4.20
Physiological Fuel Value⁵, kcal/gm	3.49
Metabolizable Energy, kcal/gm	3.16

Minerals	
Ash, %	6.5
Calcium, %	1.32
Phosphorus, %	0.94
Phosphorus (non-phytate), %	0.70
Potassium, %	0.66
Magnesium, %	0.22
Sulfur, %	0.29
Sodium, %	0.28
Chloride, %	0.49
Fluorine, ppm	36

Iron, ppm	380
Zinc, ppm	82
Manganese, ppm	160
Copper, ppm	5.0
Cobalt, ppm	0.64
Iodine, ppm	2.0
Chromium (added), ppm	0.01
Selenium, ppm	0.37

Vitamins

Carotene, ppm	1.5
Vitamin K, ppm	20
Thiamin, ppm	79
Riboflavin, ppm	9.0
Niacin, ppm	87
Pantothenic Acid, ppm	37
Choline, ppm	1760
Folic Acid, ppm	1.9
Pyridoxine, ppm	10
Biotin, ppm	0.30
B ₁₂ , mcg/kg	51
Vitamin A, IU/gm	20
Vitamin D ₃ (added), IU/gm	4.4
Vitamin E, IU/kg	45
Ascorbic Acid, mg/gm	0.0

Calories provided by:

Protein, %	22.115
Fat (ether extract), %	16.360
Carbohydrates, %	61.525

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, 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.

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