

LabDiet® JL Rat and Mouse/Irr 6F C 5CG4

DESCRIPTION

LabDiet® JL Rat and Mouse/Irr 6F C is 6% fat, complete life-cycle diets formulated to meet the nutritional requirements of rats and mice. This diet is similar to LabDiet® JL Rat and Mouse Irr 6F 5LG4, modified for import into the People's Republic of China. 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. Irradiation give reliable microbial control and eliminates the need for autoclaving. Irradiation treatment and special 3-ply packaging provide virtually bacteria-free dietary control.

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
- Irradiation gives reliable microbial control and eliminates the need for autoclaving

Product Forms Available

- Oval pellet, 3/8" x 5/8" x 1", Irradiated, 25 lb

Catalog

0042193

Other Versions Available in China

- 5CJL: JL Rat and Mouse Auto 6F, 15 kg

Catalog

0038125

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%
Calcium not less than	0.90%
Calcium not more than	1.40%
Phosphorus not less than	0.60%
Salt not more than	2.50%

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, %	19.9	Iron, ppm	360
Arginine, %	1.08	Zinc, ppm	87
Cystine, %	0.26	Manganese, ppm	160
Glycine, %	0.97	Copper, ppm	11
Histidine, %	0.45	Cobalt, ppm	0.68
Isoleucine, %	0.90	Iodine, ppm	1.5
Leucine, %	1.55	Chromium (added), ppm	1.9
Lysine, %	1.02	Selenium, ppm	0.34
Methionine, %	0.74		
Phenylalanine, %	0.88		
Tyrosine, %	0.58		
Threonine, %	0.70		
Tryptophan, %	0.24		
Valine, %	0.94		
Serine, %	1.02		
Aspartic Acid, %	1.95		
Glutamic Acid, %	4.64		
Alanine, %	1.16		
Proline, %	1.56		
Taurine, %	0.06		

Vitamins

Carotene, ppm	1.5
Vitamin K, ppm	15
Thiamin, ppm	24
Riboflavin, ppm	9.0
Niacin, ppm	83
Pantothenic Acid, ppm	30
Choline Chloride, ppm	2000
Folic Acid, ppm	2.0
Pyridoxine, ppm	10
Biotin, ppm	0.30
B ₁₂ , mcg/kg	50
Vitamin A, IU/gm	8.0
Vitamin D ₃ (added), IU/gm	4.0
Vitamin E, IU/kg	45
Ascorbic Acid, mg/gm	0.0

Fat (ether extract), %

6.2

Fat (acid hydrolysis), %

7.2

Cholesterol, ppm

297

Linoleic Acid, %

2.85

Linolenic Acid, %

0.37

Arachidonic Acid, %

0.01

Omega-3 Fatty Acids, %

0.47

Total Saturated Fatty Acids, %

1.25

Total Monounsaturated Fatty Acids, %

1.37

Fiber (Crude), %

4.3

Neutral Detergent Fiber³, %

15.3

Acid Detergent Fiber⁴, %

5.4

Nitrogen-Free Extract

(by difference), % 52.8

Starch, %

35.2

Sucrose, %

0.66

Total Digestible Nutrients, %

76.2

Gross Energy, kcal/gm

4.18

Physiological Fuel Value⁵, kcal/gm

3.47

Metabolizable Energy, kcal/gm

3.15

Minerals

Ash, %

6.5

Calcium, %

1.18

Phosphorus, %

0.94

Phosphorus (non-phytate), %

0.68

Potassium, %

0.69

Magnesium, %

0.23

Sulfur, %

0.34

Sodium, %

0.26

Chloride, %

0.44

Fluorine, ppm

37

Calories provided by:

Protein, %	23.011
Fat (ether extract), %	16.044
Carbohydrates, %	60.945

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.