

DESCRIPTION

Formulab Diet C is formulated to supply complete life cycle nutrition for use in breeding colonies of rats and hamsters and many mouse strains. It is equivalent in nutrition to LabDiet® Formulab 5008 modified for import into the People's Republic of China, including the removal of porcine ingredients. This diet is a complete life-cycle diet 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®](#)
- Maximizes reproductive performance of rats and hamsters; supports gestation and lactation simultaneously
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- Formulated to feed rats, hamsters and many mouse strains

Product Forms Available	Catalog #
• Oval pellet, 3/8" x 5/8" x 1", 15 kg	0047849

GUARANTEED ANALYSIS

Crude protein not less than	23.00%
Crude fat not less than	6.50%
Crude fiber not more than	4.00%
Moisture not more than	12.00%
Calcium not less than	0.75%
Calcium not more than	1.25%
Phosphorus not less than	0.65%

INGREDIENTS

Ground Corn, Dehulled Soybean Meal, Ground Wheat, Fish Meal, Wheat Middlings, Soybean Oil, Cane Molasses, Ground Oats, Wheat Germ, Brewers Dried Yeast, Calcium Carbonate, Dehydrated Alfalfa Meal, Dried Beet Pulp, Salt, Dicalcium Phosphate, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Choline Chloride, Cholecalciferol (Vitamin D3), Vitamin A Acetate, DL-Methionine, Pyridoxine Hydrochloride, DL-Alpha Tocopheryl Acetate (Vitamin E), Folic Acid, Thiamine Mononitrate, Ferrous Sulfate, Manganous Oxide, Zinc Oxide, Calcium Iodate, Nicotinic Acid, Calcium Pantothenate, Riboflavin Supplement, Vitamin B12 Supplement, Copper Sulfate, Cobalt Sulfate.

FEEDING DIRECTIONS

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

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

CHEMICAL COMPOSITION¹

Nutrients²		
Protein, %	24.0	Iron, ppm 210
Arginine, %	1.56	Zinc, ppm 86
Cystine, %	0.41	Manganese, ppm 74
Glycine, %	1.18	Copper, ppm 13
Histidine, %	0.62	Cobalt, ppm 0.74
Isoleucine, %	1.01	Iodine, ppm 0.90
Leucine, %	1.85	Chromium (added), ppm 0.01
Lysine, %	1.42	Selenium, ppm 0.37
Methionine, %	0.43	
Phenylalanine, %	1.09	Vitamins
Tyrosine, %	0.73	Carotene, ppm 0.8
Threonine, %	0.91	Vitamin K, ppm 3.2
Tryptophan, %	0.28	Thiamin, ppm 15
Valine, %	1.11	Riboflavin, ppm 5.1
Serine, %	1.18	Niacin, ppm 77
Aspartic Acid, %	2.65	Pantothenic Acid, ppm 15
Glutamic Acid, %	5.02	Choline, ppm 1650
Alanine, %	1.36	Folic Acid, ppm 2.9
Proline, %	1.49	Pyridoxine, ppm 6.0
Taurine, %	0.03	Biotin, ppm 0.20
Fat (ether extract), %	7.8	B ₁₂ , mcg/kg 20
Fat (acid hydrolysis), %	9.2	Vitamin A, IU/gm 15
Cholesterol, ppm	167	Vitamin D ₃ (added), IU/gm 3.4
Linoleic Acid, %	3.85	Vitamin E, IU/kg 62
Linolenic Acid, %	0.50	Ascorbic Acid, mg/gm 0.0
Arachidonic Acid, %	0.02	
Omega-3 Fatty Acids, %	0.67	Calories provided by:
Total Saturated Fatty Acids, %	1.22	Protein, % 26.690
Total Monounsaturated		Fat (ether extract), % 19.503
Fatty Acids, %	1.56	Carbohydrates, % 53.807
Fiber (Crude), %	3.2	
Neutral Detergent Fiber ³ , %	12.1	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.
Acid Detergent Fiber ⁴ , %	4.2	2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
Nitrogen-Free Extract		3. NDF = approximately cellulose, hemicellulose and lignin.
(by difference), %	48.4	4. ADF = approximately cellulose and lignin.
Starch, %	27.7	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.
Sucrose, %	2.81	NOTE: When assayed, actual levels may vary from calculated values.
Total Digestible Nutrients, %	80.4	
Gross Energy, kcal/gm	4.45	
Physiological Fuel Value⁵,		
kcal/gm	3.60	
Metabolizable Energy,		
kcal/gm	3.27	
Minerals		
Ash, %	6.5	
Calcium, %	1.03	
Phosphorus, %	0.69	
Phosphorus (non-phytate), %	0.42	
Potassium, %	1.09	
Magnesium, %	0.19	
Sulfur, %	0.25	
Sodium, %	0.26	
Chloride, %	0.47	
Fluorine, ppm	18	