

## DESCRIPTION

Certified Rodent Diet C is recommended for rats, mice, hamsters, and gerbils. It is equivalent in nutrition to LabDiet® Certified Rodent Diet 5002, modified for import into the People's Republic of China. 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. It is formulated for life cycle nutrition; however, it is not designed for maximizing production in mouse breeding colonies. Prior to shipment, a sample of this product is assayed for environmental contaminants.

### Features and Benefits

- [Managed Formulation delivers Constant Nutrition®](#)
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- Pre-analysis monitoring, Constant Nutrition® formulation, along with selection of highest quality ingredients, assures maximum diet control
- Fulfills GLP requirements

Product Forms Available	Catalog #
• Oval pellet, 3/8" x 5/8" x 1", Irradiated, 25 lb	0014955
• Oval pellet, 3/8" x 5/8" x 1", Non-Irradiated, 15 kg	3006795-281

## GUARANTEED ANALYSIS

Crude protein not less than	20.00%
Crude fat not less than	4.50%
Crude fiber not more than	5.50%
Moisture not more than	13.75%
Calcium not less than	0.75%
Calcium not more than	1.25%
Phosphorus not less than	0.50%

## INGREDIENTS

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

## FEEDING DIRECTIONS

Feed ad libitum to rodents. Plenty of fresh, clean water should be available to the animals at all times.

**Rats**- All rats will eat varying amounts of feed depending on their genetic origin. Larger strains will eat up to 30 grams per day. Smaller strains will eat up to 15 grams per day. Feeders in rat cages should be designed to hold two to three days supply of feed at one time.

**Mice**-Adult mice will eat up to 5 grams of pelleted ration daily. Some of the larger strains may eat as much as 8 grams per day per animal. Feed should be available on a free choice basis in wire feeders above the floor of the cage.

**Hamsters**-Adults will eat up to 14 grams per day.

For information regarding shelf life please visit [www.labdiet.com](http://www.labdiet.com).

## CHEMICAL COMPOSITION<sup>1</sup>

<b>Nutrients<sup>2</sup></b>		Iron, ppm	180
<b>Protein, %</b>	<b>20.9</b>	Zinc, ppm	80
Arginine, %	1.28	Manganese, ppm	75
Cystine, %	0.36	Copper, ppm	12
Glycine, %	0.97	Cobalt, ppm	0.61
Histidine, %	0.53	Iodine, ppm	0.96
Isoleucine, %	0.87	Chromium (added), ppm	0.01
Leucine, %	1.58	Selenium, ppm	0.35
Lysine, %	1.20		
Methionine, %	0.43	<b>Vitamins</b>	
Phenylalanine, %	0.92	Carotene, ppm	1.3
Tyrosine, %	0.62	Vitamin K, ppm	1.3
Threonine, %	0.79	Thiamin, ppm	14
Tryptophan, %	0.24	Riboflavin, ppm	8.1
Valine, %	0.97	Niacin, ppm	85
Serine, %	0.99	Pantothenic Acid, ppm	17
Aspartic Acid, %	2.25	Choline, ppm	1580
Glutamic Acid, %	4.22	Folic Acid, ppm	3.0
Alanine, %	1.22	Pyridoxine, ppm	6.0
Proline, %	1.31	Biotin, ppm	0.30
Taurine, %	0.03	B <sub>12</sub> , mcg/kg	51
<b>Fat (ether extract), %</b>	<b>5.0</b>	Vitamin A, IU/gm	15
<b>Fat (acid hydrolysis), %</b>	<b>6.3</b>	Vitamin D <sub>3</sub> (added), IU/gm	2.3
Cholesterol, ppm	140	Vitamin E, IU/kg	65
Linoleic Acid, %	2.20	Ascorbic Acid, mg/gm	0.0
Linolenic Acid, %	0.28		
Arachidonic Acid, %	0.02	<b>Calories provided by:</b>	
Omega-3 Fatty Acids, %	0.43	Protein, %	24.567
Total Saturated Fatty Acids, %	0.92	Fat (ether extract), %	13.224
Total Monounsaturated		Carbohydrates, %	62.209
Fatty Acids, %	0.95		
<b>Fiber (Crude), %</b>	<b>4.7</b>	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.	
Neutral Detergent Fiber <sup>3</sup> , %	15.8	2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.	
Acid Detergent Fiber <sup>4</sup> , %	6.2	3. NDF = approximately cellulose, hemicellulose and lignin.	
<b>Nitrogen-Free Extract (by difference), %</b>	<b>52.9</b>	4. ADF = approximately cellulose and lignin.	
Starch, %	29.8	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, %	2.72	<b>NOTE: When assayed, actual levels may vary from calculated values.</b>	
<b>Total Digestible Nutrients, %</b>	<b>75.2</b>		
<b>Gross Energy, kcal/gm</b>	<b>4.08</b>		
<b>Physiological Fuel Value<sup>5</sup>, kcal/gm</b>	<b>3.40</b>		
<b>Metabolizable Energy, kcal/gm</b>	<b>3.02</b>		
<b>Minerals</b>			
Ash, %	6.4		
Calcium, %	0.98		
Phosphorus, %	0.58		
Phosphorus (non-phytate), %	0.31		
Potassium, %	1.02		
Magnesium, %	0.20		
Sulfur, %	0.24		
Sodium, %	0.30		
Chloride, %	0.54		
Fluorine, ppm	11		