

# Certified CR 14% Protein Rodent Diet 5CR4

## DESCRIPTION

Certified CR 14% Protein Rodent Diet is a 14% protein diet formulated to support maintenance of rats, mice and hamsters in a laboratory setting. 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. Prior to shipment, a sample of this product is assayed for environmental contaminants.

### Features and Benefits

- [Managed Formulation delivers Constant Nutrition®](#)
- Designed for long-term low protein maintenance of animals
- 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" length, 15 kg	0045262
• Meal (ground pellets), 15 kg	0045441
Other Versions Available	Catalog #
• PicoLab® Certified CR 14% Protein Rodent Diet, 30 lb	3004332-220

## GUARANTEED ANALYSIS

Crude protein not less than	14.00%
Crude fat not less than	5.00%
Crude fiber not more than	5.00%
Moisture not more than	12.00%
Ash not more than	8.00%

## INGREDIENTS

Ground Corn, Ground Wheat, Wheat Middlings, Dehulled Soybean Meal, Cane Molasses, Fish Meal, Porcine Animal Fat Preserved with BHA and Citric Acid, Dehydrated Alfalfa Meal, Calcium Carbonate, Ground Oats, Corn Gluten Meal, Ground Soybean Hulls, Wheat Germ, Dried Plain Beet Pulp, Salt, Dicalcium Phosphate, L-Lysine, DL-Methionine, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Pyridoxine Hydrochloride, Soybean Oil, Magnesium Oxide, Thiamine Mononitrate, Cholecalciferol (Vitamin D3), Choline Chloride, Manganous Oxide, Vitamin A Acetate, Folic Acid, Zinc Oxide, Ferrous Carbonate, Calcium Pantothenate, Vitamin B12 Supplement, DL-Alpha Tocopheryl Acetate (Vitamin E), Copper Sulfate, Riboflavin-5-Phosphate, Nicotinic Acid, Zinc Sulfate, Calcium Iodate, Cobalt Carbonate, Biotin, Sodium Selenite.

## FEEDING DIRECTIONS

Provide feeders large enough to hold two to three days supply of Certified CR 14% Protein Rodent Diet at any time. Arrange feeders so that animals cannot contaminate feed with feces. Keep plenty of clean, fresh water available to the animals at all times.

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	200
<b>Protein, %</b>	<b>14.1</b>	Zinc, ppm	140
Arginine, %	0.80	Manganese, ppm	150
Cystine, %	0.29	Copper, ppm	18
Glycine, %	0.65	Cobalt, ppm	0.66
Histidine, %	0.35	Iodine, ppm	1.9
Isoleucine, %	0.51	Chromium (added), ppm	0.01
Leucine, %	1.05	Selenium, ppm	0.30
Lysine, %	0.75		
Methionine, %	0.38	<b>Vitamins</b>	
Phenylalanine, %	0.58	Carotene, ppm	1.3
Tyrosine, %	0.33	Vitamin K, ppm	3.4
Threonine, %	0.47	Thiamin, ppm	30
Tryptophan, %	0.16	Riboflavin, ppm	8.0
Valine, %	0.63	Niacin, ppm	78
Serine, %	0.70	Pantothenic Acid, ppm	24
Aspartic Acid, %	1.32	Choline, ppm	1000
Glutamic Acid, %	3.27	Folic Acid, ppm	3.5
Alanine, %	0.85	Pyridoxine, ppm	14
Proline, %	1.14	Biotin, ppm	0.30
Taurine, %	0.02	B <sub>12</sub> , mcg/kg	51
<b>Fat (ether extract), %</b>	<b>5.4</b>	Vitamin A, IU/gm	8.0
<b>Fat (acid hydrolysis), %</b>	<b>6.6</b>	Vitamin D <sub>3</sub> (added), IU/gm	1.5
Cholesterol, ppm	139	Vitamin E, IU/kg	45
Linoleic Acid, %	1.36	Ascorbic Acid, mg/gm	0.0
Linolenic Acid, %	0.11		
Arachidonic Acid, %	0.01	<b>Calories provided by:</b>	
Omega-3 Fatty Acids, %	0.22	Protein, %	16.154
Total Saturated Fatty Acids, %	1.76	Fat (ether extract), %	13.920
Total Monounsaturated		Carbohydrates, %	69.927
Fatty Acids, %	1.85		
<b>Fiber (Crude), %</b>	<b>4.1</b>	1. Formulation based on calculated	
Neutral Detergent Fiber <sup>3</sup> , %	16.6	values from the latest ingredient	
Acid Detergent Fiber <sup>4</sup> , %	5.3	analysis information. Since nutrient	
<b>Nitrogen-Free Extract</b>		composition of natural ingredients	
<b>(by difference), %</b>	<b>61.0</b>	varies and some nutrient loss will	
Starch, %	39.3	occur due to manufacturing process-	
Sucrose, %	1.80	es, analysis will differ accordingly.	
<b>Total Digestible Nutrients, %</b>	<b>78.2</b>	2. Nutrients expressed as percent of	
<b>Gross Energy, kcal/gm</b>	<b>4.09</b>	ration except where otherwise indi-	
<b>Physiological Fuel Value<sup>5</sup>,</b>		cated. Moisture content is assumed	
<b>kcal/gm</b>	<b>3.49</b>	to be 10.0% for the purpose of	
<b>Metabolizable Energy,</b>		calculations.	
<b>kcal/gm</b>	<b>3.23</b>	3. NDF = approximately cellulose,	
		hemi-cellulose and lignin.	
<b>Minerals</b>		4. ADF = approximately cellulose	
Ash, %	5.3	and lignin.	
Calcium, %	0.85	5. Physiological Fuel Value (kcal/	
Phosphorus, %	0.60	gm) = Sum of decimal fractions of	
Phosphorus (non-phytate), %	0.33	protein, fat and carbo- hydrate (use	
Potassium, %	0.79	Nitrogen Free Extract) x 4,9,4 kcal/	
Magnesium, %	0.22	gm respectively.	
Sulfur, %	0.21	<b>NOTE: When assayed, actual</b>	
Sodium, %	0.24	<b>levels may vary from calculated</b>	
Chloride, %	0.49	<b>values.</b>	
Fluorine, ppm	13		