

DESCRIPTION

Certified CR 14% Protein C Diet is a 14% protein diet formulated to support maintenance of rats, mice and hamsters in a laboratory setting. It is equivalent in nutrition to LabDiet® Certified CR 14% Protein Rodent Diet 5CR4, 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. 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
- Prior to shipment, a composite sample is assayed for environmental contaminants
- Pre-analysis monitoring, Constant Nutrition® formulation, along with selection of highest quality ingredients, assures maximum diet control
- Fulfills GLP requirements

Product Forms Available

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

Catalog

0051350

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	10.00%
Calcium not less than	0.60%
Calcium not more than	1.10%
Phosphorus not less than	0.60%

INGREDIENTS

Ground corn, ground wheat, wheat middlings, dehulled soybean meal, fish meal, soybean oil, dehydrated alfalfa meal, cane molasses, calcium carbonate, salt, ground oats, ground soybean hulls, dried beet pulp, wheat germ, dicalcium phosphate, monocalcium phosphate, L-lysine, corn gluten meal, DL-methionine, menadione dimethylpyrimidinol bisulfite, pyridoxine hydrochloride, magnesium oxide, thiamin mononitrate, choline chloride, cholecalciferol, manganous oxide, zinc oxide, biotin, vitamin A acetate, folic acid, calcium pantothenate, vitamin B-12 supplement, dl-alpha tocopheryl acetate, copper sulfate, riboflavin, nicotinic acid, cobalt sulfate, calcium iodate, sodium selenite.

FEEDING DIRECTIONS

Provide feeders large enough to hold two to three days supply of Certified PicoLab® CR 14% Protein 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.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	15.0
Arginine, %	0.84
Cystine, %	0.30
Glycine, %	0.68
Histidine, %	0.37
Isoleucine, %	0.55
Leucine, %	1.16
Lysine, %	0.84
Methionine, %	0.38
Phenylalanine, %	0.62
Tyrosine, %	0.38
Threonine, %	0.51
Tryptophan, %	0.17
Valine, %	0.68
Serine, %	0.74
Aspartic Acid, %	1.40
Glutamic Acid, %	3.43
Alanine, %	0.93
Proline, %	1.21
Taurine, %	0.02
Fat (ether extract), %	5.7
Fat (acid hydrolysis), %	7.0
Cholesterol, ppm	118
Linoleic Acid, %	2.74
Linolenic Acid, %	0.33
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.47
Total Saturated Fatty Acids, %	1.05
Total Monounsaturated Fatty Acids, %	1.17
Fiber (Crude), %	4.9
Neutral Detergent Fiber ³ , %	18.8
Acid Detergent Fiber ⁴ , %	6.2
Nitrogen-Free Extract (by difference), %	59.1
Starch, %	37.8
Sucrose, %	0.98
Total Digestible Nutrients, %	77.9
Gross Energy, kcal/gm	4.10
Physiological Fuel Value⁵, kcal/gm	3.48
Metabolizable Energy, kcal/gm	3.18
Minerals	
Ash, %	5.2
Calcium, %	0.85
Phosphorus, %	0.60
Phosphorus (non-phytate), %	0.31
Potassium, %	0.72
Magnesium, %	0.23
Sulfur, %	0.20
Sodium, %	0.24
Chloride, %	0.47
Fluorine, ppm	8.9

Iron, ppm	151
Zinc, ppm	151
Manganese, ppm	141
Copper, ppm	20
Cobalt, ppm	0.93
Iodine, ppm	1.8
Chromium (added), ppm	0.01
Selenium, ppm	0.31

Vitamins

Carotene, ppm	1.2
Vitamin K, ppm	3.4
Thiamin, ppm	30
Riboflavin, ppm	8.0
Niacin, ppm	80
Pantothenic Acid, ppm	24
Choline, ppm	960
Folic Acid, ppm	3.5
Pyridoxine, ppm	14
Biotin, ppm	0.30
B ₁₂ , mcg/kg	51
Vitamin A, IU/gm	8.0
Vitamin D ₃ (added), IU/gm	1.5
Vitamin E, IU/kg	45
Ascorbic Acid, mg/gm	0.0

Calories provided by:

Protein, %	17.305
Fat (ether extract), %	14.750
Carbohydrates, %	67.945

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.