

Certified Guinea Pig Diet

5026*

DESCRIPTION

Certified Guinea Pig Diet is a Constant Nutrition® formulation recommended for life-cycle feeding of laboratory guinea pigs. This diet is formulated using the unique and innovative concept of Constant Nutrition®, paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies. Maximum diet control is achieved by preanalysis monitoring of key nutrients and certain contaminating substances. A sample of this product will have been assayed and approved prior to shipment to assure GLP compliance.

Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- Each package is assayed for environmental contaminants prior to shipment
- Preanalysis monitoring assures maximum diet control
- Fulfills GLP requirements

Product Forms Available

- Pellet, 4 mm x 10 mm (5/32"x3/8")

GUARANTEED ANALYSIS

| | |
|-----------------------------|-------|
| Crude protein not less than | 18.0% |
| Crude fat not less than | 4.0% |
| Crude fiber not more than | 16.0% |
| Ash not more than | 9.0% |

INGREDIENTS

Dehydrated alfalfa meal, dehulled soybean meal, ground corn, ground soybean hulls, wheat middlings, ground oats, cane molasses, porcine animal fat preserved with BHA, dicalcium phosphate, monocalcium phosphate, ground wheat, dried whey, salt, calcium carbonate, l-ascorbyl-2-polyphosphate, magnesium oxide, DL-methionine, choline chloride, vitamin A acetate, cholecalciferol, folic acid, pyridoxine hydrochloride, dl-alpha tocopheryl acetate, calcium pantothenate, thiamin mononitrate, nicotinic acid, vitamin B₁₂ supplement, riboflavin, cobalt carbonate, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, sodium selenite.

FEEDING DIRECTIONS

Certified Guinea Pig Diet should be fed free-choice except when a weight control program is desired. Mature animals will normally consume 1 to 1.5 oz. daily. Feed young growing animals free-choice only. Guinea pigs require vitamin C (ascorbic acid) in their daily diet. A lack of this vitamin results in scurvy. Stability of vitamin C varies with environmental conditions. Hot and humid weather conditions accelerate the loss of this nutrient from the product. For best results, store in cool, dry conditions and feed within 180 days of date of manufacture. Beyond 180 days, the product will be nutritionally adequate, if in good condition, providing a supplemental source of vitamin C is given. Provide guinea pigs a continuous supply of clean, fresh water. The practice of using fresh greens to supply water is not recommended since unconsumed materials will mold and spoil.

Important: A feeding program is only as effective as the management practices followed.

Caution: Store in a dry, well ventilated area free from pests and insects. Do not use moldy or insect-infested feed.

CHEMICAL COMPOSITION¹

| Nutrients ² | |
|--|-------------|
| Protein, % | 19.9 |
| Arginine, % | 1.15 |
| Cystine, % | 0.27 |
| Glycine, % | 0.90 |
| Histidine, % | 0.48 |
| Isoleucine, % | 1.11 |
| Leucine, % | 1.54 |
| Lysine, % | 1.11 |
| Methionine, % | 0.40 |
| Phenylalanine, % | 0.99 |
| Tyrosine, % | 0.66 |
| Threonine, % | 0.76 |
| Tryptophan, % | 0.27 |
| Valine, % | 1.06 |
| Serine, % | 1.11 |
| Aspartic Acid, % | 2.58 |
| Glutamic Acid, % | 3.84 |
| Alanine, % | 1.05 |
| Proline, % | 1.36 |
| Taurine, % | <0.01 |
| Fat (ether extract), % | 4.5 |
| Fat (acid hydrolysis), % | 5.7 |
| Cholesterol, ppm | 39 |
| Linoleic Acid, % | 1.12 |
| Linolenic Acid, % | 0.20 |
| Arachidonic Acid, % | <0.01 |
| Omega-3 Fatty Acids, % | 0.22 |
| Total Saturated Fatty Acids, % | 1.48 |
| Total Monounsaturated Fatty Acids, % | 1.54 |
| Fiber (Crude), % | 14.4 |
| Neutral Detergent Fiber ³ , % | 26.8 |
| Acid Detergent Fiber ⁴ , % | 17.4 |
| Nitrogen-Free Extract (by difference), % | 43.1 |
| Starch, % | 22.7 |
| Glucose, % | 0.30 |
| Fructose, % | 0.81 |
| Sucrose, % | 2.76 |
| Lactose, % | 0.56 |
| Total Digestible Nutrients, % | 68.9 |
| Gross Energy, kcal/gm | 3.55 |
| Physiological Fuel Value⁵, kcal/gm | 2.93 |
| Metabolizable Energy, kcal/gm | 2.51 |
| Minerals | |
| Ash, % | 7.5 |
| Calcium, % | 1.10 |
| Phosphorus, % | 0.60 |
| Phosphorus (non-phytate), % | 0.39 |
| Potassium, % | 1.68 |
| Magnesium, % | 0.35 |
| Sodium, % | 0.35 |
| Chlorine, % | 0.72 |
| Fluorine, ppm | 23 |
| Iron, ppm | 400 |
| Zinc, ppm | 74 |
| Manganese, ppm | 78 |
| Copper, ppm | 14 |
| Cobalt, ppm | 3.5 |
| Iodine, ppm | 0.91 |
| Chromium, ppm | 1.8 |
| Selenium, ppm | 0.35 |
| Vitamins | |
| Carotene, ppm | 14 |
| Vitamin K (as menadione), ppm | 5.0 |
| Thiamin Hydrochloride, ppm | 8.0 |
| Riboflavin, ppm | 5.9 |
| Niacin, ppm | 64 |
| Pantothenic Acid, ppm | 21 |
| Choline Chloride, ppm | 1850 |
| Folic Acid, ppm | 4.0 |
| Pyridoxine, ppm | 4.0 |
| Biotin, ppm | 0.20 |
| B ₁₂ , mcg/kg | 13 |
| Vitamin A, IU/gm | 25 |
| Vitamin D ₃ (added), IU/gm | 3.1 |
| Vitamin E, IU/kg | 55 |
| Ascorbic Acid, mg/gm | 0.5 |
| Calories provided by: | |
| Protein, % | 27.231 |
| Fat (ether extract), % | 13.877 |
| Carbohydrates, % | 58.892 |

*Product Code

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, hemi-cellulose 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.