

Certified Laboratory Mini-Pig Grower/Maintenance Diet

5K99*

DESCRIPTION

Certified Laboratory Mini-Pig Grower/Maintenance Diet is a Constant Nutrition® diet formulated to be fed to growing animals or to maintain mature laboratory mini-pigs. A sample of this product will have been assayed prior to shipment. 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.

Features and Benefits

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

Product Forms Available

- Pellet, 4 mm (5/32") diameter x 6 mm (1/4") length

GUARANTEED ANALYSIS

| | |
|-----------------------------|-------|
| Crude protein not less than | 16.0% |
| Crude fat not less than | 3.0% |
| Crude fiber not more than | 9.0% |
| Ash not more than | 7.5% |

INGREDIENTS

Ground corn, dehulled soybean meal, wheat middlings, ground soybean hulls, dehydrated alfalfa meal, dicalcium phosphate, cane molasses, soybean oil, calcium carbonate, salt, DL-methionine, menadione dimethylpyrimidinol bisulfite, choline chloride, folic acid, pyridoxine hydrochloride, calcium pantothenate, ferrous sulfate, d-alpha tocopheryl acetate, biotin, ethoxyquin (a preservative), cholecalciferol, vitamin B₁₂ supplement, vitamin A acetate, zinc oxide, riboflavin, thiamin mononitrate, nicotinic acid, ferrous carbonate, manganous oxide, copper sulfate, calcium iodate, magnesium oxide, sodium selenite.

FEEDING DIRECTIONS

The level of feed intake depends on many factors including environmental temperature, other feed available and activity. The feeding levels suggested below are appropriate for average living conditions. For maintenance of adult animals, regulate feed to a level to maintain body weight without putting on excess fat. A level of 1-2% of the animal's body weight works well for many owners. Regulate the amount of ration to control the growth rate as desired, generally a feeding rate of 1.5-3% of the animal's body weight daily.

Follow these management practices:

- Provide a source of fresh, clean water and adequate drinking space per pig at all times.
- Provide a draft-free pen with clean, dry sleeping area.
- When using a self-feeder, make sure it is adjusted to minimize feed wastage.
- Feeders should be well managed so as to provide adequate feeder space, prevent moisture condensation, mold growth and insect infestation.
- Consult your veterinarian for recommended health programs in your area.

CHEMICAL COMPOSITION¹

Nutrients²

| | |
|--------------------|------|
| Protein , % | 16.8 |
| Arginine, % | 0.98 |
| Cystine, % | 0.24 |
| Glycine, % | 0.72 |
| Histidine, % | 0.44 |
| Isoleucine, % | 0.82 |
| Leucine, % | 1.38 |
| Lysine, % | 0.91 |
| Methionine, % | 0.35 |
| Phenylalanine, % | 0.83 |
| Tyrosine, % | 0.54 |
| Threonine, % | 0.61 |
| Tryptophan, % | 0.22 |
| Valine, % | 0.89 |
| Serine, % | 0.93 |
| Aspartic Acid, % | 1.93 |
| Glutamic Acid, % | 3.83 |
| Alanine, % | 0.97 |
| Proline, % | 1.36 |
| Taurine, % | 0.00 |

Fat (ether extract), % 3.5

Fat (acid hydrolysis), % 4.5

| | |
|--------------------------------|------|
| Cholesterol, ppm | 0 |
| Linoleic Acid, % | 1.84 |
| Linolenic Acid, % | 0.20 |
| Arachidonic Acid, % | 0.00 |
| Omega-3 Fatty Acids, % | 0.20 |
| Total Saturated Fatty Acids, % | 0.62 |
| Total Monosaturated | |
| Fatty Acids, % | 0.74 |

Fiber (Crude), % 7.7

Neutral Detergent Fiber³, % 20.7

Acid Detergent Fiber⁴, % 9.5

Nitrogen-Free Extract

(by difference), % 55.6

| | |
|-------------|------|
| Starch, % | 39.4 |
| Glucose, % | 0.32 |
| Fructose, % | 0.41 |
| Sucrose, % | 2.04 |
| Lactose, % | 0.00 |

Total Digestible Nutrients, % 75.2

Gross Energy, kcal/gm 3.89

Physiological Fuel Value⁵, kcal/gm 3.21

Metabolizable Energy, kcal/gm 2.97

Sodium, % 0.18

Chlorine, % 0.35

Fluorine, ppm 5.3

Iron, ppm 330

Zinc, ppm 220

Manganese, ppm 89

Copper, ppm 31

Cobalt, ppm 0.57

Iodine, ppm 1.2

Chromium, ppm 0.23

Selenium, ppm 0.41

Vitamins

Carotene, ppm 2.9

Vitamin K (as menadione), ppm 2.6

Thiamin Hydrochloride, ppm 10

Riboflavin, ppm 14

Niacin, ppm 75

Pantothenic Acid, ppm 40

Choline Chloride, ppm 1500

Folic Acid, ppm 9.9

Pyridoxine, ppm 6.0

Biotin, ppm 0.37

B₁₂, mcg/kg 77

Vitamin A, IU/gm 6.6

Vitamin D₃ (added), IU/gm 1.1

Vitamin E, IU/kg 110

Ascorbic Acid, mg/gm —

Calories provided by:

Protein, % 20.928

Fat (ether extract), % 9.810

Carbohydrates, % 69.262

*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, 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.

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