

# Certified Porcine Grower/Maintenance Diet 5K99

## Certified Laboratory Mini-Pig Grower/Maintenance Diet 5K99

### DESCRIPTION

Certified Porcine Grower/Maintenance Diet is formulated to meet the nutritional requirements of growing swine, starting at approximately 8 weeks of age. This diet can also be used as a maintenance diet in adult swine, promoting healthy weight in a laboratory setting. This diet can be fed to both mini-pig and commercial swine breeds. Does not contain animal-origin ingredients. 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 to be fed to pigs post-weaning starting at approximately 8 weeks of age or for adult maintenance
- Moderate fiber for slower growth an animal size
- Does not contain animal products or by-products
- 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

- Pellet, 5/32" x 1/4", 15 kg

### Irradiated Versions Available

- PicoLab® Certified Porcine Grower/Maintenance Diet, 30 lb

\*\* For ordering, contact [info@LabDiet.com](mailto:info@LabDiet.com)

### Catalog #

0046603

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\*\* 3006741-220

### GUARANTEED ANALYSIS

Crude protein not less than	16.00%
Lysine not less than	0.85%
Crude fat not less than	3.00%
Crude fiber not more than	9.00%
Calcium not less than	0.73%
Calcium not more than	1.23%
Phosphorus not less than	0.83%
Salt not less than	0.25%
Salt not more than	0.75%
Sodium not more than	0.50%
Selenium not less than	0.10 ppm

### 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 (Vitamin K), Choline Chloride, Folic Acid, Calcium Pantothenate, Ferrous Sulfate, Pyridoxine Hydrochloride, d-Alpha Tocopheryl Acetate (Vitamin E), Cholecalciferol (Vitamin D3), Ethoxyquin (a Preservative), Vitamin B12 Supplement, Vitamin A Acetate, Zinc Oxide, Riboflavin-5-Phosphate, Thiamine Mononitrate, Nicotinic Acid, Manganous Oxide, Manganese Sulfate, Copper Sulfate, Zinc Sulfate, Ethylenediamine Dihydroiodide, Basic Copper Chloride, Sodium Selenite, Biotin.

### FEEDING DIRECTIONS

Feed continuously as part of a wean to finish or growing-finishing feeding program.

See your company representative for additional program details.

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

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

#### Nutrients<sup>2</sup>

<b>Protein, %</b>	<b>17.0</b>
Arginine, %	1.08
Cystine, %	0.32
Glycine, %	0.75
Histidine, %	0.47
Isoleucine, %	0.71
Leucine, %	1.38
Lysine, %	0.93
Methionine, %	0.35
Phenylalanine, %	0.79
Tyrosine, %	0.49
Threonine, %	0.63
Tryptophan, %	0.19
Valine, %	0.79
Serine, %	0.88
Aspartic Acid, %	1.89
Glutamic Acid, %	3.82
Alanine, %	1.00
Proline, %	1.23
Taurine, %	0.00

**Fat (ether extract), %** 3.2

**Fat (acid hydrolysis), %** 4.6

Cholesterol, ppm 0

Linoleic Acid, % 1.62

Linolenic Acid, % 0.17

Arachidonic Acid, % 0.00

Omega-3 Fatty Acids, % 0.19

Total Saturated Fatty Acids, % 0.56

Total Monounsaturated

Fatty Acids, % 0.62

**Fiber (Crude), %** 6.6

Neutral Detergent Fiber<sup>3</sup>, % 19.0

Acid Detergent Fiber<sup>4</sup>, % 8.6

#### Nitrogen-Free Extract

(by difference), % 56.4

Starch, % 32.3

Sucrose, % 2.13

**Total Digestible Nutrients, %** 73.8

**Gross Energy, kcal/gm** 3.76

**Physiological Fuel Value<sup>5</sup>,**

**kcal/gm** 3.22

**Metabolizable Energy,**

**kcal/gm** 2.91

#### Minerals

**Ash, %** 6.7

Calcium, % 1.00

Phosphorus, % 0.83

Phosphorus (non-phytate), % 0.57

Potassium, % 1.07

Magnesium, % 0.20

Sulfur, % 0.23

Sodium, % 0.21

Chloride, % 0.42

Fluorine, ppm 0.40

Iron, ppm 500

Zinc, ppm 260

Manganese, ppm 100

Copper, ppm 31

Cobalt, ppm 0.50

Iodine, ppm 1.0

Chromium (added), ppm 0.01

Selenium, ppm 0.44

#### Vitamins

Carotene, ppm 2.9

Vitamin K, ppm 2.6

Thiamin, ppm 9.5

Riboflavin, ppm 14

Niacin, ppm 77

Pantothenic Acid, ppm 40

Choline, ppm 1230

Folic Acid, ppm 10

Pyridoxine, ppm 6.0

Biotin, ppm 0.40

B<sub>12</sub>, mcg/kg 78

Vitamin A, IU/gm 7.0

Vitamin D<sub>3</sub> (added), IU/gm 1.1

Vitamin E, IU/kg 110

Ascorbic Acid, mg/gm 0.00

#### Calories provided by:

Protein, % 21.090

Fat (ether extract), % 8.923

Carbohydrates, % 69.978

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.**

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