

# Prolab® Mini-Pig Diet

# 5P94\*

## DESCRIPTION

Prolab® Mini-Pig Formula is a nutritionally complete and balanced diet that requires no supplemental feeding. Recommended as a breeding, growing and maintenance diet for mini-pigs in a lab environment. 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
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- Meets all requirements of Mini-Pigs - no supplement needed
- Suitable for growing and adult Mini-Pigs

### Product Forms Available

- Pellet, 10 mm diameter x 19 mm length (3/8" x 5/8")

## GUARANTEED ANALYSIS

Crude protein not less than	16.0%
Lysine not less than	0.7%
Crude fat not less than	2.0%
Crude fiber not more than	14.0%
Calcium (Ca) not less than	1.0%
Calcium (Ca) not more than	1.5%
Phosphorus (P) not less than	0.7%
Salt (NaCl) not less than	0.35%
Salt (NaCl) not more than	0.75%
Selenium (Se) not less than	0.30ppm
Zinc (Zn) not less than	150ppm
Ash not more than	9.5%

## INGREDIENTS

Wheat middlings, ground soybean hulls, ground corn, dehydrated alfalfa meal, dehulled soybean meal, porcine meat meal, dried whey, calcium carbonate, dicalcium phosphate, salt, soybean oil, DL-methionine, choline chloride, manganous oxide, ferrous carbonate, calcium iodate, cobalt carbonate, copper sulfate, zinc oxide, magnesium oxide, menadione dimethyl-pyrimidinol bisulfite, pyridoxine hydrochloride, dl-alpha tocopheryl acetate, biotin, cholecalciferol, cyanocobalamin, calcium pantothenate, vitamin A acetate, folic acid, ferrous sulfate, riboflavin, nicotinic acid, thiamin mononitrate, sodium selenite.

## FEEDING DIRECTIONS

Depending on phase of life-cycle, feed to mini-pigs approximately 2-3% of body weight. Regulate the amount of feed to control the growth rate and satisfy the amount of feed to control the growth rate and satisfy the animal's appetite. Provide a source of fresh, clean water and adequate drinking space for each pig at all times. Note: Adjust self-feeder to minimize feed waste. Provide adequate feeder space, prevent moisture condensation, mold and insect development.

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

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

12/16/09

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

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

<b>Protein, %</b>	<b>16.6</b>
Arginine, %	0.92
Cystine, %	0.21
Glycine, %	0.79
Histidine, %	0.43
Isoleucine, %	0.69
Leucine, %	1.13
Lysine, %	0.82
Methionine, %	0.37
Phenylalanine, %	0.79
Tyrosine, %	0.58
Threonine, %	0.57
Tryptophan, %	0.22
Valine, %	0.90
Serine, %	0.80
Aspartic Acid, %	1.38
Glutamic Acid, %	4.02
Alanine, %	0.74
Proline, %	1.55
Taurine, %	0.00
<b>Fat (ether extract), %</b>	<b>3.5</b>
<b>Fat (acid hydrolysis), %</b>	<b>4.6</b>
Cholesterol, ppm	15
Linoleic Acid, %	1.69
Linolenic Acid, %	0.23
Arachidonic Acid, %	0.00
Omega-3 Fatty Acids, %	0.23
Total Saturated Fatty Acids, %	0.73
Total Monounsaturated Fatty Acids, %	0.80
<b>Fiber (Crude), %</b>	<b>12.5</b>
Neutral Detergent Fiber <sup>3</sup> , %	31.6
Acid Detergent Fiber <sup>4</sup> , %	16.0
<b>Nitrogen-Free Extract (by difference), %</b>	<b>50.4</b>
Starch, %	20.9
Glucose, %	0.2
Fructose, %	0.4
Sucrose, %	0.5
Lactose, %	2.0
<b>Total Digestible Nutrients, %</b>	<b>70.8</b>
<b>Gross Energy, kcal/gm</b>	<b>3.88</b>
<b>Physiological Fuel Value<sup>5</sup>, kcal/gm</b>	<b>2.99</b>
<b>Metabolizable Energy, kcal/gm</b>	<b>2.57</b>
<b>Minerals</b>	
<b>Ash, %</b>	<b>7.0</b>
Calcium, %	1.00
Phosphorus, %	0.80
Phosphorus (non-phytate), %	0.48
Potassium, %	1.13
Magnesium, %	0.31

Sulfur, %	0.26
Sodium, %	0.26
Chlorine, %	0.43
Fluorine, ppm	11
Iron, ppm	300
Zinc, ppm	200
Manganese, ppm	150
Copper, ppm	21
Cobalt, ppm	0.93
Iodine, ppm	1.8
Chromium, ppm	0.32
Selenium, ppm	0.41

### Vitamins

Carotene, ppm	5.2
Vitamin K (as menadione), ppm	2.0
Thiamin Hydrochloride, ppm	9.8
Riboflavin, ppm	9.3
Niacin, ppm	84
Pantothenic Acid, ppm	30
Choline Chloride, ppm	2000
Folic Acid, ppm	3.0
Pyridoxine, ppm	7.0
Biotin, ppm	0.40
B <sub>12</sub> , mcg/kg	77
Vitamin A, IU/gm	6.6
Vitamin D <sub>3</sub> (added), IU/gm	1.1
Vitamin E, IU/kg	100
Ascorbic Acid, mg/gm	—

### Calories provided by:

Protein, %	22.170
Fat (ether extract), %	10.518
Carbohydrates, %	67.312

### \*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.