

Laboratory Mini-Pig Starter Diet

5080*

DESCRIPTION

Laboratory Mini-Pig Starter Diet is a Constant Nutrition® weaning product used in creep feeders. It is formulated to contain 20% protein to meet the nutritional needs of young mini-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.

Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- A high-energy formulation that supports post-partum reproduction
- 20% protein to meet the nutritional requirements of rapidly growing young mini-pigs

Product Forms Available

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

GUARANTEED ANALYSIS

Crude protein not less than	20.0%
Crude fat not less than	4.0%
Crude fiber not more than	6.5%
Ash not more than	6.5%
Added minerals not more than	1.5%

INGREDIENTS

Ground corn, dehulled soybean meal, wheat middlings, porcine meat meal, dried beet pulp, sucrose, cane molasses, porcine animal fat preserved with ethoxyquin, salt, dehydrated alfalfa meal, calcium carbonate, menadione dimethylpyrimidinol bisulfite, dicalcium phosphate, monocalcium phosphate, pyridoxine hydrochloride, folic acid, cholecalciferol, vitamin A acetate, DL-methionine, ferrous sulfate, ethoxyquin (a preservative), calcium pantothenate, choline chloride, dl-alpha tocopheryl acetate, thiamin mononitrate, biotin, riboflavin, nicotinic acid, vitamin B₁₂ supplement, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

FEEDING DIRECTIONS

Feed on a free-choice basis as creep feed from 7 days old (or as soon as they will begin to nibble on the feed) until 7 days post-weaning (8 weeks of age or older). Continue feeding the Starter diet if rapid growth is desired, or change to Laboratory Mini-Pig Grower Diet to regulate growth rate.

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, %	20.5
Arginine, %	1.29
Cystine, %	0.29
Glycine, %	1.16
Histidine, %	0.51
Isoleucine, %	0.95
Leucine, %	1.61
Lysine, %	1.11
Methionine, %	0.35
Phenylalanine, %	0.93
Tyrosine, %	0.60
Threonine, %	0.75
Tryptophan, %	0.25
Valine, %	1.02
Serine, %	1.09
Aspartic Acid, %	2.30
Glutamic Acid, %	4.49
Alanine, %	1.13
Proline, %	1.58
Taurine, %	<0.01
Fat (ether extract), %	4.0
Fat (acid hydrolysis), %	4.9
Cholesterol, ppm	39
Linoleic Acid, %	1.41
Linolenic Acid, %	0.06
Arachidonic Acid, %	<0.01
Omega-3 Fatty Acids, %	0.06
Total Saturated Fatty Acids, %	1.21
Total Monounsaturated Fatty Acids, %	1.32
Fiber (Crude), %	4.1
Neutral Detergent Fiber ³ , %	15.5
Acid Detergent Fiber ⁴ , %	5.6
Nitrogen-Free Extract (by difference), %	55.2
Starch, %	31.5
Glucose, %	0.26
Fructose, %	0.27
Sucrose, %	6.76
Lactose, %	0
Total Digestible Nutrients, %	71.9
Gross Energy, kcal/gm	4.00
Physiological Fuel Value⁵, kcal/gm	3.39
Metabolizable Energy, kcal/gm	3.19
Minerals	
Ash, %	6.2
Calcium, %	0.85
Phosphorus, %	0.69
Phosphorus (non-phytate), %	0.31
Potassium, %	0.98
Magnesium, %	0.21

Sulfur, %	0.23
Sodium, %	0.25
Chlorine, %	0.41
Fluorine, ppm	13
Iron, ppm	290
Zinc, ppm	98
Manganese, ppm	68
Copper, ppm	13
Cobalt, ppm	0.4
Iodine, ppm	0.9
Chromium, ppm	0.2
Selenium, ppm	0.39

Vitamins

Carotene, ppm	Trace
Vitamin K (as menadione), ppm	3.0
Thiamin Hydrochloride, ppm	9.4
Riboflavin, ppm	6.6
Niacin, ppm	67
Pantothenic Acid, ppm	25
Choline Chloride, ppm	1300
Folic Acid, ppm	8.3
Pyridoxine, ppm	8.0
Biotin, ppm	0.2
B ₁₂ , mcg/kg	22
Vitamin A, IU/gm	18
Vitamin D ₃ (added), IU/gm	2.2
Vitamin E, IU/kg	53
Ascorbic Acid, mg/gm	—

Calories provided by:

Protein, %	24.203
Fat (ether extract), %	10.626
Carbohydrates, %	65.171

*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.