

Laboratory Porcine Starter Diet

Laboratory Mini-Pig Starter Diet

5080
5080

DESCRIPTION

Laboratory Porcine Starter Diet is formulated to contain 20% protein to meet the nutritional needs of young pigs, both mini-pig and commercial swine breeds. This diet is designed to be fed on a free-choice basis in a creep feeding system as early as 7 days old through weaning at about 8 weeks of age. 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.

Features and Benefits

- [Managed Formulation delivers Constant Nutrition®](#)
- Designed to be fed to young pigs as early as 7 days and up to 8 weeks old
- Contains 20% protein to meet the nutritional requirements of rapidly growing young pigs

Product Forms Available

- Oval pellet, 5/32" x 1/4", 50 lb

Catalog #

0005338

Irradiated Versions Available

- PicoLab® Laboratory Porcine Starter Diet, 30 lb

Catalog #

**3006745-220

** For ordering, contact info@LabDiet.com

GUARANTEED ANALYSIS

Crude protein not less than	20.00%
Lysine not less than	0.87%
Crude fat not less than	4.00%
Crude fiber not more than	6.50%
Calcium not less than	0.60%
Calcium not more than	1.10%
Phosphorus not less than	0.60%
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, Porcine Meat and Bone Meal, Dried Plain Beet Pulp, Sucrose, Cane Molasses, Porcine Animal Fat Preserved with BHA and Citric Acid, Dehydrated Alfalfa Meal, Salt, Calcium Carbonate, Dicalcium Phosphate, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Folic Acid, Pyridoxine Hydrochloride, Vitamin A Acetate, Cholecalciferol (Vitamin D3), DL-Methionine, Zinc Sulfate, Ferrous Sulfate, Ethoxyquin (a Preservative), Calcium Pantothenate, Choline Chloride, DL-Alpha Tocopheryl Acetate (Vitamin E), Manganous Oxide, Zinc Oxide, Ferrous Carbonate, Thiamine Mononitrate, Nicotinic Acid, Riboflavin-5-Phosphate, Vitamin B12 Supplement, Copper Sulfate, Calcium Iodate, Cobalt Carbonate, Sodium Selenite, Biotin.

FEEDING DIRECTIONS

Feed continuously to starter piglets as part of a nursery or wean to finish feeding program.

See your company representative for additional program details.

For information regarding shelf life please visit www.labdiet.com.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	20.6
Arginine, %	1.34
Cystine, %	0.32
Glycine, %	1.28
Histidine, %	0.52
Isoleucine, %	0.80
Leucine, %	1.58
Lysine, %	1.11
Methionine, %	0.35
Phenylalanine, %	0.93
Tyrosine, %	0.60
Threonine, %	0.75
Tryptophan, %	0.23
Valine, %	0.95
Serine, %	0.99
Aspartic Acid, %	2.17
Glutamic Acid, %	4.25
Alanine, %	1.18
Proline, %	1.43
Taurine, %	0.00
Fat (ether extract), %	4.3
Fat (acid hydrolysis), %	5.5
Cholesterol, ppm	49
Linoleic Acid, %	1.36
Linolenic Acid, %	0.09
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.11
Total Saturated Fatty Acids, %	1.24
Total Monounsaturated Fatty Acids, %	1.38
Fiber (Crude), %	4.3
Neutral Detergent Fiber ³ , %	18.3
Acid Detergent Fiber ⁴ , %	5.3
Nitrogen-Free Extract (by difference), %	54.4
Starch, %	29.1
Sucrose, %	6.71
Total Digestible Nutrients, %	78.8
Gross Energy, kcal/gm	4.03
Physiological Fuel Value⁵, kcal/gm	3.39
Metabolizable Energy, kcal/gm	3.18
Minerals	
Ash, %	6.4
Calcium, %	0.85
Phosphorus, %	0.65
Phosphorus (non-phytate), %	0.41
Potassium, %	1.06
Magnesium, %	0.21
Sulfur, %	0.21
Sodium, %	0.25
Chloride, %	0.40
Fluorine, ppm	19

Iron, ppm	240
Zinc, ppm	140
Manganese, ppm	86
Copper, ppm	14
Cobalt, ppm	0.51
Iodine, ppm	1.0
Chromium (added), ppm	0.01
Selenium, ppm	0.42

Vitamins

Carotene, ppm	0.8
Vitamin K, ppm	3.1
Thiamin, ppm	9.4
Riboflavin, ppm	6.6
Niacin, ppm	68
Pantothenic Acid, ppm	25
Choline, ppm	880
Folic Acid, ppm	8.8
Pyridoxine, ppm	8.0
Biotin, ppm	0.20
B ₁₂ , mcg/kg	22
Vitamin A, IU/gm	18
Vitamin D ₃ (added), IU/gm	1.5
Vitamin E, IU/kg	55
Ascorbic Acid, mg/gm	0.00

Calories provided by:

Protein, %	24.334
Fat (ether extract), %	11.429
Carbohydrates, %	64.237

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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