Laboratory Porcine Multi-Stage Diet 5082

Laboratory Mini-Pig Breeder Diet 5082

DESCRIPTION

Laboratory Porcine Multi-Stage Diet is formulated to meet nutritional requirements of pigs through all stages of life starting around 8 weeks of age. This complete life-cycle formula supports growth, breeding, and maintenance of both mini-pig and commercial swine breeds in a laboratory setting. Breeding age for most commercial breeds starts at approximately 8 months whereas mini-pigs are usually bred no earlier than 1 year of age. Highly palatable ingredients and high fiber content allows animals to satisfy hunger on less feed, promoting healthy weight during breeding and pregnancy. 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.

Features and Benefits

- Managed Formulation delivers Constant Nutrition®
- Designed to be fed to pigs in all stages of life starting at approximately 8 weeks of age
- Suitable for reproduction in both mini-pigs and commercial swine breeds
- Does not contain animal-origin ingredients

Product Forms Available	***Catalog #***
• Pellet, 5/32" x 1/4", 50 lb	0001340
Irradiated Versions Available	***Catalog #***
• PicoLab® Porcine Multi-Stage Diet, 30 lb	** 3006740-220

** For ordering, contact info@LabDiet.com

GUARANTEED ANALYSIS

Crude protein not less than	16.00%
Lysine not less than	0.80%
Crude fat not less than	3.50%
Crude fiber not more than	14.00%
Calcium not less than	0.80%
Calcium not more than	1.30%
Phosphorus not less than	0.75%
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

Dehydrated Alfalfa Meal, Ground Oats, Wheat Middlings, Ground Corn, Dehulled Soybean Meal, Dried Plain Beet Pulp, Wheat Germ, Dicalcium Phosphate, Cane Molasses, Calcium Carbonate, Soybean Oil, Salt, Brewers Dried Yeast, DL-Methionine, L-Lysine, Pyridoxine Hydrochloride, Folic Acid, Cholecalciferol (Vitamin D3), Manganous Oxide, Vitamin A Acetate, Zinc Oxide, Ferrous Carbonate, Choline Chloride, DL-Alpha Tocopheryl Acetate (Vitamin E), Calcium Pantothenate, Thiamine Mononitrate, Copper Sulfate, Vitamin B12 Supplement, Riboflavin-5-Phosphate, Nicotinic Acid, Zinc Sulfate, Calcium Iodate, Cobalt Carbonate, Sodium Selenite, Biotin.

FEEDING DIRECTIONS

Feed to breeding animals to maintain proper condition. Full-feed lactating animals.

See your company representative for additional program details.

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

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CHEMICAL COMPOSITION[1]

Nutrients[2]

Protein, %	**17.0**
Arginine, %	0.99
Cystine, %	0.28
Glycine, %	0.78
Histidine, %	0.40
Isoleucine, %	0.83
Leucine, %	1.30
Lysine, %	0.86
Methionine, %	0.35
Phenylalanine, %	0.81
Tyrosine, %	0.51
Threonine, %	0.63
Tryptophan, %	0.20
Valine, %	0.82
Serine, %	0.76
Aspartic Acid, %	1.71
Glutamic Acid, %	3.06
Alanine, %	0.87
Proline, %	1.02
Taurine, %	0.00
Fat (ether extract), %	**3.7**
Fat (acid hydrolysis), %	**5.1**
Cholesterol, ppm	0.00
Linoleic Acid, %	1.49
Linolenic Acid, %	0.25
Arachidonic Acid, %	0.00
Omega-3 Fatty Acids, %	0.34
Total Saturated Fatty Acids, %	0.55
Total Monounsaturated Fatty Acids, %	0.72
Fiber (Crude), %	**11.1**
Neutral Detergent Fiber[3], %	26.5
Acid Detergent Fiber[4], %	14.6
Nitrogen-Free Extract (by difference), %	**50.4**
Starch, %	22.1
Sucrose, %	1.59
Total Digestible Nutrients,%	**66.4**
Gross Energy, kcal/gm	**3.58**
Physiological Fuel Value[5], kcal/gm	**3.03**
Metabolizable Energy, kcal/gm	**2.49**

Minerals

Ash, %	**7.5**
Calcium, %	1.10
Phosphorus, %	0.75
Phosphorus (non-phytate), %	0.49
Potassium, %	1.21
Magnesium, %	0.25
Sulfur, %	0.24
Sodium, %	0.23
Chloride, %	0.51
Fluorine, ppm	28
Iron, ppm	380
Zinc, ppm	140
Manganese, ppm	160
Copper, ppm	20
Cobalt, ppm	1.2
Iodine, ppm	1.9
Chromium (added), ppm	0.01
Selenium, ppm	0.52

Vitamins

Carotene, ppm	13
Vitamin K, ppm	2.4
Thiamin, ppm	11
Riboflavin, ppm	6.7
Niacin, ppm	55
Pantothenic Acid, ppm	25
Choline, ppm	1075
Folic Acid, ppm	9.3
Pyridoxine, ppm	8.0
Biotin, ppm	0.30
B_{12}, mcg/kg	22
Vitamin A, IU/gm	9.0
Vitamin D_3 (added), IU/gm	1.5
Vitamin E, IU/kg	67
Ascorbic Acid, mg/gm	0.00

Calories provided by:

Protein, %	22.455
Fat (ether extract), %	10.997
Carbohydrates, %	66.548

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 carbo- hydrate (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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www.labdiet.com