

# PicoLab<sup>®</sup> Certified Guinea Pig Diet 50E6

## DESCRIPTION

PicoLab<sup>®</sup> Certified Guinea Pig Diet is a complete life-cycle diet designed for reproduction, lactation, growth and maintenance of guinea pigs. It meets the vitamin C requirements of guinea pigs. This diet is formulated using managed formulation, delivering Constant Nutrition<sup>®</sup>. This is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies. Irradiated and 3-ply packaging provide bioburden reduction for animals in a barrier facility. Prior to shipment, a sample of this product is assayed for environmental contaminants.

### Features and Benefits

- [Managed Formulation delivers Constant Nutrition<sup>®</sup>](#)
- Contains stabilized vitamin C for extended shelf life
- Irradiation gives reliable microbial control and eliminates the need for autoclaving
- Pre-analysis monitoring, Constant Nutrition<sup>®</sup> formulation, along with the selection of highest quality ingredients, assures maximum diet control
- Fulfills GLP requirements

### Product Forms Available

- Pellet, 3/8" x 5/8", Irradiated, 30 lb

### Catalog #

3005968-220

### Other Versions Available

- 5026 Certified Guinea Pig Diet, 15 kg

### Catalog #

0002032

## GUARANTEED ANALYSIS

|                             |        |
|-----------------------------|--------|
| Crude protein not less than | 18.00% |
| Crude fat not less than     | 4.00%  |
| Crude fiber not more than   | 16.00% |
| Moisture not more than      | 12.00% |
| Ash not more than           | 8.00%  |

## INGREDIENTS

Dehydrated Alfalfa Meal, Dehulled Soybean Meal, Ground Soybean Hulls, Ground Corn, Wheat Middlings, Ground Oats, Cane Molasses, Porcine Animal Fat Preserved with BHA and Citric Acid, Dicalcium Phosphate, Ground Wheat, Dried Whey, Salt, Calcium Carbonate, Magnesium Oxide, L-Ascorbyl-2-Polyphosphate (Vitamin C), DL-Methionine, Choline Chloride, Menadiolone Dimethylpyrimidinol Bisulfite (Vitamin K), Vitamin A Acetate, Cholecalciferol (Vitamin D3), Folic Acid, Pyridoxine Hydrochloride, DL-Alpha Tocopheryl Acetate (Vitamin E), Manganous Oxide, Calcium Pantothenate, Zinc Oxide, Ferrous Carbonate, Thiamine Mononitrate, Nicotinic Acid, Vitamin B12 Supplement, Copper Sulfate, Riboflavin Supplement, Cobalt Carbonate, Zinc Sulfate, Calcium Iodate, Sodium Selenite.

## FEEDING DIRECTIONS

Feed ad libitum. Plenty of fresh, clean water should be available to the animals at all times.

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>19.9</b> | Iron, ppm             | 370  |
| Arginine, %       | 1.14        | Zinc, ppm             | 71   |
| Cystine, %        | 0.32        | Manganese, ppm        | 87   |
| Glycine, %        | 0.89        | Copper, ppm           | 13   |
| Histidine, %      | 0.50        | Cobalt, ppm           | 3.6  |
| Isoleucine, %     | 0.99        | Iodine, ppm           | 0.91 |
| Leucine, %        | 1.49        | Chromium (added), ppm | 0.01 |
| Lysine, %         | 1.07        | Selenium, ppm         | 0.46 |
| Methionine, %     | 0.40        |                       |      |
| Phenylalanine, %  | 0.93        |                       |      |
| Tyrosine, %       | 0.60        |                       |      |
| Threonine, %      | 0.76        |                       |      |
| Tryptophan, %     | 0.23        |                       |      |
| Valine, %         | 0.92        |                       |      |
| Serine, %         | 0.96        |                       |      |
| Aspartic Acid, %  | 2.20        |                       |      |
| Glutamic Acid, %  | 3.59        |                       |      |
| Alanine, %        | 0.98        |                       |      |
| Proline, %        | 1.17        |                       |      |
| Taurine, %        | 0.00        |                       |      |

Fat (ether extract), % 4.5

Fat (acid hydrolysis), % 5.7

Cholesterol, ppm 35

Linoleic Acid, % 0.97

Linolenic Acid, % 0.21

Arachidonic Acid, % 0.00

Omega-3 Fatty Acids, % 0.33

Total Saturated Fatty Acids, % 1.35

Total Monounsaturated Fatty Acids, % 1.38

**Fiber (Crude), % 14.6**

Neutral Detergent Fiber<sup>3</sup>, % 29.1

Acid Detergent Fiber<sup>4</sup>, % 19.8

**Nitrogen-Free Extract (by difference), % 43.4**

Starch, % 13.4

Sucrose, % 2.43

**Total Digestible Nutrients, % 68.4**

**Gross Energy, kcal/gm 3.56**

**Physiological Fuel Value<sup>5</sup>, kcal/gm 2.94**

**Metabolizable Energy, kcal/gm 2.43**

### Vitamins

Carotene, ppm 16

Vitamin K, ppm 5.0

Thiamin, ppm 8.5

Riboflavin, ppm 6.0

Niacin, ppm 65

Pantothenic Acid, ppm 21

Choline, ppm 1530

Folic Acid, ppm 4.0

Pyridoxine, ppm 4.3

Biotin, ppm 0.30

B<sub>12</sub>, mcg/kg 14

Vitamin A, IU/gm 25

Vitamin D<sub>3</sub> (added), IU/gm 3.1

Vitamin E, IU/kg 57

Ascorbic Acid, mg/gm 0.66

### Calories provided by:

Protein, % 27.084

Fat (ether extract), % 13.781

Carbohydrates, % 59.135

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.**