

## DESCRIPTION

EURodent Diet 22% is recommended for rats, mice, and hamsters. This diet is a complete life cycle diet 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®](#)
- Formulated to be free from animal by-products
- Designed for breeding and long-term maintenance of rodents

### Product Forms Available

- Extruded particle, 10 kg

### Catalog #

0029088

### Irradiated Versions Available

- 5LFJ: PicoLab® EURodent Diet 22%, Extruded, 15 lb\*\*3001377-242

### Catalog #

\*\* For ordering, contact [info@LabDiet.com](mailto:info@LabDiet.com)

## GUARANTEED ANALYSIS

Crude protein not less than	22.00%
Crude fat not less than	3.50%
Crude fiber not more than	6.00%
Moisture not more than	12.00%

## INGREDIENTS

Dehulled Soybean Meal, Whole Wheat, Ground Corn, Wheat Middlings, Dried Beet Pulp, Dehydrated Alfalfa Meal, Soybean Oil, Brewers Dried Yeast, Calcium Carbonate, Dicalcium Phosphate, Salt, L-Lysine, Cholecalciferol (Vitamin D3), Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K), Potassium Chloride, Choline Chloride, DL-Methionine, Pyridoxine Hydrochloride, DL-Alpha Tocopheryl Acetate (Vitamin E), Vitamin A Acetate, Biotin, Folic Acid, Nicotinic Acid, Calcium Pantothenate, Riboflavin Supplement, Vitamin B-12 Supplement, Thiamine Mononitrate, Manganous Oxide, Zinc Oxide, Ferrous Carbonate, Copper Sulfate, Zinc Sulfate, Calcium Iodate, Sodium Selenite, Cobalt Carbonate.

## FEEDING DIRECTIONS

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

**Rats**- All rats will eat varying amounts of feed depending on their genetic origin. Larger strains will eat up to 30 grams per day. Smaller strains will eat up to 15 grams per day. Feeders in rat cages should be designed to hold two to three days supply of feed at one time.

**Mice**- Adult mice will eat up to 5 grams of pelleted ration daily. Some of the larger strains may eat as much as 8 grams per day per animal. Feed should be available on a free choice basis in wire feeders above the floor of the cage.

**Hamsters**- Adults will eat up to 14 grams per day.

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>22.0</b>	Iron, ppm	130
Arginine, %	1.37	Zinc, ppm	84
Cystine, %	0.31	Manganese, ppm	77
Glycine, %	1.01	Copper, ppm	15
Histidine, %	0.53	Cobalt, ppm	0.55
Isoleucine, %	1.15	Iodine, ppm	0.81
Leucine, %	1.72	Chromium (added), ppm	0.37
Lysine, %	1.36	Selenium, ppm	0.44
Methionine, %	0.38		
Phenylalanine, %	1.03		
Tyrosine, %	0.64		
Threonine, %	0.82		
Tryptophan, %	0.30		
Valine, %	1.11		
Serine, %	1.29		
Aspartic Acid, %	2.69		
Glutamic Acid, %	5.23		
Alanine, %	1.19		
Proline, %	1.61		
Taurine, %	0.00		

### Vitamins

Carotene, ppm	1.4
Vitamin K, ppm	3.3
Thiamin, ppm	8.8
Riboflavin, ppm	8.1
Niacin, ppm	120
Pantothenic Acid, ppm	17
Choline, ppm	330
Folic Acid, ppm	2.9
Pyridoxine, ppm	8.0
Biotin, ppm	0.30
B <sub>12</sub> , mcg/kg	25
Vitamin A, IU/gm	10
Vitamin D <sub>3</sub> (added), IU/gm	2.2
Vitamin E, IU/kg	110
Ascorbic Acid, mg/gm	0.0

### Fat (ether extract), %

### Fat (acid hydrolysis), %

Cholesterol, ppm	0
Linoleic Acid, %	2.06
Linolenic Acid, %	0.25
Arachidonic Acid, %	0.00
Omega-3 Fatty Acids, %	0.25
Total Saturated Fatty Acids, %	0.72
Total Monounsaturated Fatty Acids, %	0.79

### Fiber (Crude), %

Neutral Detergent Fiber <sup>3</sup> , %	14.7
Acid Detergent Fiber <sup>4</sup> , %	5.7

### Nitrogen-Free Extract

### (by difference), %

Starch, %	34.1
Sucrose, %	1.64

### Total Digestible Nutrients, %

### Gross Energy, kcal/gm

### Physiological Fuel Value<sup>5</sup>,

### kcal/gm

### Metabolizable Energy,

### kcal/gm

### Minerals

Ash, %	5.4
Calcium, %	0.75
Phosphorus, %	0.60
Phosphorus (non-phytate), %	0.30
Potassium, %	1.03
Magnesium, %	0.21
Sulfur, %	0.24
Sodium, %	0.25
Chloride, %	0.48
Fluorine, ppm	6.5

### Calories provided by:

Protein, %	25.982
Fat (ether extract), %	9.301
Carbohydrates, %	64.718

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.**