

## DESCRIPTION

Product 5018 meets the NIH ingredient and nutritional specifications for Open Formula Rat and Mouse Ration (NIH-07).

### Product Forms Available

- Oval pellet, 3/8" x 5/8" x 1", 50 lb

**Catalog #**

0006534

### Versions Available

- 518A Auto 5018 Rat and Mouse, Pelleted, 50 lb **\*\*0050969**
  - 500P PicoLab® NIH Rat and Mouse, Pelleted, 30 lb **\*\*3005836-220**
- \*\* For ordering, contact [info@LabDiet.com](mailto:info@LabDiet.com)**

## GUARANTEED ANALYSIS

Crude protein not less than	22.00%
Crude fat not less than	4.50%
Crude fiber not more than	4.50%
Moisture not more than	12.00%
Ash not more than	8.00%

## INGREDIENTS

Ground Corn, Ground Wheat, Dehulled Soybean Meal, Wheat Middlings, Fish Meal, Dried Skim Milk, Dehydrated Alfalfa Meal, Corn Gluten Meal, Soybean Oil, Brewers Dried Yeast, Cane Molasses, Dicalcium Phosphate, Calcium Carbonate, Salt, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Choline Chloride, Pyridoxine Hydrochloride, Cholecalciferol (Vitamin D3), Ferrous Sulfate, Zinc Oxide, Folic Acid, Thiamine Mononitrate, Calcium Pantothenate, Calcium Iodate, Vitamin A Acetate, Manganese Oxide, Vitamin B12 Supplement, Nicotinic Acid, DL-Alpha Tocopheryl Acetate (Vitamin E), Riboflavin Supplement, Copper Sulfate, Cobalt Carbonate, Biotin.

## FEEDING DIRECTIONS

Feed ad libitum. Provide plenty of fresh clean water 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>23.2</b>	Iron, ppm	410
Arginine, %	1.27	Zinc, ppm	200
Cystine, %	0.39	Manganese, ppm	110
Glycine, %	1.07	Copper, ppm	10
Histidine, %	0.57	Cobalt, ppm	0.92
Isoleucine, %	0.96	Iodine, ppm	1.8
Leucine, %	1.91	Chromium (added), ppm	0.01
Lysine, %	1.26	Selenium, ppm	0.42
Methionine, %	0.47		
Phenylalanine, %	1.03		
Tyrosine, %	0.71		
Threonine, %	0.86		
Tryptophan, %	0.26		
Valine, %	1.10		
Serine, %	1.04		
Aspartic Acid, %	2.13		
Glutamic Acid, %	4.49		
Alanine, %	1.36		
Proline, %	1.53		
Taurine, %	0.05		
<b>Fat (ether extract), %</b>	<b>5.1</b>		
<b>Fat (acid hydrolysis), %</b>	<b>6.3</b>		
Cholesterol, ppm	270		
Linoleic Acid, %	2.22		
Linolenic Acid, %	0.29		
Arachidonic Acid, %	0.03		
Omega-3 Fatty Acids, %	0.57		
Total Saturated Fatty Acids, %	1.04		
Total Monounsaturated Fatty Acids, %	1.10		
<b>Fiber (Crude), %</b>	<b>3.7</b>		
Neutral Detergent Fiber <sup>3</sup> , %	13.3		
Acid Detergent Fiber <sup>4</sup> , %	4.8		

### Vitamins

Carotene, ppm	2.6
Vitamin K, ppm	3.8
Thiamin, ppm	18
Riboflavin, ppm	7.0
Niacin, ppm	95
Pantothenic Acid, ppm	30
Choline, ppm	1780
Folic Acid, ppm	3.9
Pyridoxine, ppm	12
Biotin, ppm	0.30
B <sub>12</sub> , mcg/kg	66
Vitamin A, IU/gm	7.0
Vitamin D <sub>3</sub> (added), IU/gm	5.2
Vitamin E, IU/kg	34
Ascorbic Acid, mg/gm	0.0

### Calories provided by:

Protein, %	27.087
Fat (ether extract), %	13.291
Carbohydrates, %	59.622

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.**

### Minerals

<b>Ash, %</b>	<b>6.8</b>
Calcium, %	1.25
Phosphorus, %	0.97
Phosphorus (non-phytate), %	0.72
Potassium, %	0.88
Magnesium, %	0.19
Sulfur, %	0.28
Sodium, %	0.32
Chloride, %	0.56
Fluorine, ppm	32