

## Teklad 15% Monkey Diet

**Product Description-** 8714 is a fixed formula, non-autoclavable diet manufactured with high quality ingredients and designed especially for old-world primates. It contains stabilized vitamin C (L-ascorbyl-2-polyphosphate), extending the shelf-life to six months from date of manufacture.

**Ingredients** (in descending order of inclusion)- Ground corn, wheat middlings, dehulled soybean meal, ground wheat, corn gluten feed, dehydrated alfalfa meal, dried whey, choline chloride, sucrose, fish meal, dried beet pulp, dicalcium phosphate, calcium carbonate, soybean oil, porcine fat, calcium propionate, brewers dried yeast, L-ascorbyl-2-polyphosphate, iodized salt, kaolin, ferrous sulfate, vitamin E acetate, manganous oxide, zinc oxide, niacin, menadione sodium bisulfite complex (source of vitamin K activity), copper sulfate, calcium pantothenate, folic acid, vitamin A acetate, pyridoxine hydrochloride, thiamin mononitrate, riboflavin, vitamin D<sub>3</sub> supplement, cobalt carbonate, vitamin B<sub>12</sub> supplement, ethylenediamine dihydriodide, biotin.

Standard Product Form: **Extruded**

| Macronutrients                        |               |            |
|---------------------------------------|---------------|------------|
| Crude Protein                         | %             | 15.0       |
| Fat (acid hydrolysis) <sup>a</sup>    | %             | 5.2        |
| Carbohydrate (available) <sup>b</sup> | %             | 51.6       |
| Crude Fiber                           | %             | 4.0        |
| Neutral Detergent Fiber <sup>c</sup>  | %             | 12.0       |
| Ash                                   | %             | 6.2        |
| Energy Density <sup>d</sup>           | kcal/g (kJ/g) | 3.0 (12.6) |
| Calories from Protein                 | %             | 20         |
| Calories from Fat                     | %             | 12         |
| Calories from Carbohydrate            | %             | 68         |

| Minerals               |       |      |
|------------------------|-------|------|
| Calcium                | %     | 0.9  |
| Phosphorus             | %     | 0.7  |
| Non-Phytate Phosphorus | %     | 0.4  |
| Sodium                 | %     | 0.2  |
| Potassium              | %     | 0.7  |
| Chloride               | %     | 0.3  |
| Magnesium              | %     | 0.2  |
| Zinc                   | mg/kg | 154  |
| Manganese              | mg/kg | 136  |
| Copper                 | mg/kg | 18   |
| Iodine                 | mg/kg | 3    |
| Iron                   | mg/kg | 320  |
| Selenium               | mg/kg | 0.17 |

| Amino Acids   |   |     |
|---------------|---|-----|
| Aspartic Acid | % | 1.3 |
| Glutamic Acid | % | 2.2 |
| Alanine       | % | 1.0 |
| Glycine       | % | 0.8 |
| Threonine     | % | 0.6 |
| Proline       | % | 1.2 |
| Serine        | % | 1.0 |
| Leucine       | % | 1.3 |
| Isoleucine    | % | 0.7 |
| Valine        | % | 0.8 |
| Phenylalanine | % | 0.7 |
| Tyrosine      | % | 0.6 |
| Methionine    | % | 0.3 |
| Cystine       | % | 0.3 |
| Lysine        | % | 0.7 |
| Histidine     | % | 0.4 |
| Arginine      | % | 0.9 |
| Tryptophan    | % | 0.2 |

| Vitamins                                 |       |      |
|--|-------|------|
| Vitamin A <sup>e, f</sup>                | IU/g  | 19.5 |
| Vitamin D <sub>3</sub> <sup>e, g</sup>   | IU/g  | 8.0  |
| Vitamin E                                | IU/kg | 105  |
| Vitamin K <sub>3</sub> (menadione)       | mg/kg | 13   |
| Vitamin B <sub>1</sub> (thiamin)         | mg/kg | 18   |
| Vitamin B <sub>2</sub> (riboflavin)      | mg/kg | 12   |
| Niacin (nicotinic acid)                  | mg/kg | 95   |
| Vitamin B <sub>6</sub> (pyridoxine)      | mg/kg | 17   |
| Pantothenic Acid                         | mg/kg | 28   |
| Vitamin B <sub>12</sub> (cyanocobalamin) | mg/kg | 0.04 |
| Biotin                                   | mg/kg | 0.26 |
| Folate                                   | mg/kg | 18   |
| Choline                                  | mg/kg | 2210 |

| Fatty Acids           |   |     |
|-----------------------|---|-----|
| C16:0 Palmitic        | % | 0.6 |
| C18:0 Stearic         | % | 0.2 |
| C18:1ω9 Oleic         | % | 1.1 |
| C18:2ω6 Linoleic      | % | 1.7 |
| C18:3ω3 Linolenic     | % | 0.1 |
| Total Saturated       | % | 0.9 |
| Total Monounsaturated | % | 1.2 |
| Total Polyunsaturated | % | 1.8 |

| Other                     |       |     |
|---------------------------|-------|-----|
| Cholesterol               | mg/kg | 60  |
| Vitamin C (ascorbic acid) | mg/kg | 910 |

<sup>a</sup> Ether extract is used to measure fat in pelleted diets, while an acid hydrolysis method is required to recover fat in extruded diets. Compared to ether extract, the fat value for acid hydrolysis will be approximately 1% point higher.

<sup>b</sup> Carbohydrate (available) is calculated by subtracting neutral detergent fiber from total carbohydrates.

<sup>c</sup> Neutral detergent fiber is an estimate of insoluble fiber, including cellulose, hemicellulose, and lignin. Crude fiber methodology underestimates total fiber.

<sup>d</sup> Energy density is a calculated estimate of *metabolizable energy* based on the Atwater factors assigning 4 kcal/g to protein, 9 kcal/g to fat, and 4 kcal/g to available carbohydrate.

<sup>e</sup> Indicates added amount but does not account for contribution from other ingredients.

<sup>f</sup> 1 IU vitamin A = 0.3 µg retinol

<sup>g</sup> 1 IU vitamin D = 25 ng cholecalciferol

For nutrients not listed, insufficient data is available to quantify.

Nutrient data represent the best information available, calculated from published values and direct analytical testing of raw materials and finished product. Nutrient values may vary due to the natural variations in the ingredients, analysis, and effects of processing.

Teklad Diets are designed and manufactured for research purposes only.

