

| Formula                                   | g/Kg   |
|---|--------|
| L-Alanine                                 | 3.5    |
| L-Arginine HCl                            | 12.1   |
| L-Asparagine                              | 6.0    |
| L-Aspartic Acid                           | 3.5    |
| L-Cystine                                 | 3.5    |
| L-Glutamic Acid                           | 40.0   |
| Glycine                                   | 23.3   |
| L-Histidine HCl, monohydrate              | 4.5    |
| L-Isoleucine                              | 8.2    |
| L-Leucine                                 | 11.1   |
| L-Lysine HCl                              | 18.0   |
| L-Methionine                              | 8.2    |
| L-Phenylalanine                           | 7.5    |
| L-Proline                                 | 3.5    |
| L-Serine                                  | 3.5    |
| L-Threonine                               | 8.2    |
| L-Tryptophan                              | 1.8    |
| L-Tyrosine                                | 5.0    |
| L-Valine                                  | 8.2    |
| Sucrose                                   | 351.68 |
| Corn Starch                               | 150.0  |
| Maltodextrin                              | 150.0  |
| Soybean Oil                               | 80.0   |
| Cellulose                                 | 30.0   |
| Mineral Mix, AIN-93M-MX (94049)           | 35.0   |
| Calcium Phosphate, monobasic, monohydrate | 8.2    |
| Vitamin Mix, AIN-93-VX (94047)            | 13.0   |
| Choline Bitartrate                        | 2.5    |
| TBHQ, antioxidant                         | 0.02   |

### Key Features

- Amino Acid Defined Diet
- Control
- Rodent

### Selected Nutrient Information <sup>1</sup>

|                      | % by weight | % kcal from |
|----------------------|-------------|-------------|
| Protein <sup>2</sup> | 15.4        | 15.6        |
| CHO                  | 64.9        | 66.1        |
| Fat                  | 8.0         | 18.3        |

Kcal/g **3.9**

<sup>1</sup> Calculated values

<sup>2</sup> Protein based on N x 6.25

*Teklad Diets are designed & manufactured for research purposes only.*

### Key Planning Information

- Products are made fresh to order
- Store product at 4°C or lower
- Use within 6 months (applicable to most diets)
- Box labeled with product name, manufacturing date, and lot number
- Replace diet at minimum once per week  
*More frequent replacement may be advised*
- Lead time:
  - 2 weeks non-irradiated
  - 4 weeks irradiated



### Product Specific Information

- 1/2" Pellet or Powder (free flowing)
  - Minimum order 3 Kg
  - Irradiation not advised
- Contact a nutritionist for recommendations

### Options (Fees Will Apply)

- Rush order (pending availability)
- Irradiation (see Product Specific Information)
- Vacuum packaging (1 and 2 Kg)

### Place Your Order (USA & Canada)

*Please Choose One*

- [www.inotivco.com/teklad-orders](http://www.inotivco.com/teklad-orders)
- [tekladorders@inotivco.com](mailto:tekladorders@inotivco.com)
- 800.483.5523

### Price Quotes | Order Status

- [teklad@inotivco.com](mailto:teklad@inotivco.com)

### Collaborate with a Nutritionist

- [askanutritionist@inotivco.com](mailto:askanutritionist@inotivco.com)

### Footnote

The amino acid profile is adapted from information in J. Nutr. (1965) 87:267-276 (Q.R. Rogers & A.E. Harper). The amino acid profile is not modeled after that of an intact protein source. Modified from a previous amino acid defined diet (TD.86529) to alter the carbohydrate profile, reduce oil slightly, and use AIN-93 vitamin and mineral premixes.