Teklad Global Diets®
product line overview

Diets for multiple laboratory
animal species

+ Life stage and application appropriate
+ Fixed formulations
+ Global supply chain

Your formula for success
# Teklad Global Diets® at a glance

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>RODENT</th>
<th>DOG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irradiated (29xx)</td>
<td>2914 2916 2918 2919 2920X</td>
<td></td>
</tr>
<tr>
<td>Certified (C)</td>
<td>2014C 2016C 2018C</td>
<td></td>
</tr>
<tr>
<td>Autoclavable (S)</td>
<td>2014S 2016S 2018S 2018SX 2019S 2020SX</td>
<td></td>
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</tbody>
</table>

## KEY FEATURES

<table>
<thead>
<tr>
<th></th>
<th>14% Protein 4% Fat</th>
<th>16% Protein 4% Fat</th>
<th>18% Protein 6% Fat  + Moderate phytoestrogen</th>
<th>19% Protein 9% Fat</th>
<th>19% Protein 6% Fat</th>
<th>21% Protein 6% Fat</th>
<th>25% Protein 9% Fat</th>
<th>27% Protein 16% Fat</th>
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</thead>
<tbody>
<tr>
<td>+ Vegetarian (no nitrosamines)</td>
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<tr>
<td>+ Minimal phytoestrogens (2014, 2016, 2019, 2020X)</td>
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<tr>
<td>+ Suitable for imaging studies (no alfalfa meal)</td>
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<tr>
<td>+ Extruded versions dramatically reduce clumping and hardening after autoclaving and reduce waste</td>
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<tr>
<td>+ High-quality poultry by-products</td>
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<tr>
<td>+ Smooth transition between diets</td>
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<td></td>
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<tr>
<td>+ Options for all life stages</td>
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<td></td>
<td></td>
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<tr>
<td>+ All options stocked as certified</td>
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</tr>
</tbody>
</table>

## PURPOSE AND BENEFITS

<table>
<thead>
<tr>
<th></th>
<th>+ Prolonged maintenance + Aging + Toxicology + Oncology</th>
<th>+ Breeding + Growth + Maintenance + General purpose</th>
<th>+ Breeding + Genetically engineered mice + Poorly performing strains + Oncology</th>
<th>+ Breeding + General purpose + Estrogen-sensitive breeding studies + Reproductive toxicity + Oncology</th>
<th>+ Maintenance</th>
<th>+ Gestation + Lactation + Growth + Maintenance</th>
<th>+ Gestation + Lactation + Growth</th>
</tr>
</thead>
</table>

## CALCULATED AVERAGE NUTRIENT PROFILE

<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Protein %</td>
<td>14.3</td>
<td>16.4</td>
<td>18.6</td>
<td>19.0</td>
<td>19.1</td>
<td>21.0</td>
<td>26.0</td>
<td>28.6</td>
</tr>
<tr>
<td>Fat %</td>
<td>4.0</td>
<td>4.0</td>
<td>6.2</td>
<td>9.0</td>
<td>6.5</td>
<td>7.1</td>
<td>10.5</td>
<td>16.3</td>
</tr>
<tr>
<td>Crude Fiber %</td>
<td>4.1</td>
<td>3.3</td>
<td>3.5</td>
<td>2.6</td>
<td>2.7</td>
<td>4.0</td>
<td>3.0</td>
<td>2.5</td>
</tr>
<tr>
<td>NDF %¹</td>
<td>18.0</td>
<td>15.2</td>
<td>14.7</td>
<td>12.1</td>
<td>12.3</td>
<td>13.7</td>
<td>11.5</td>
<td>9.5</td>
</tr>
<tr>
<td>Metabolizable energy</td>
<td>2.9 kcal/g</td>
<td>3.0 kcal/g</td>
<td>3.1 kcal/g</td>
<td>3.3 kcal/g</td>
<td>3.1 kcal/g</td>
<td>3.2 kcal/g</td>
<td>3.5 kcal/g</td>
<td>3.8 kcal/g</td>
</tr>
<tr>
<td></td>
<td>12.1 kJ/g</td>
<td>12.6 kJ/g</td>
<td>13.0 kJ/g</td>
<td>13.8 kJ/g</td>
<td>13.0 kJ/g</td>
<td>13.4 kJ/g</td>
<td>14.6 kJ/g</td>
<td>15.9 kJ/g</td>
</tr>
</tbody>
</table>

## FIXED FORMULA - achieving high consistency of nutrients coupled with the same ingredient inclusions in every batch

| + | + | + | + | + | + | + | + |

¹ Neutral detergent fiber (NDF) is an estimate of insoluble fiber, including cellulose, hemicellulose, & lignin. Crude fiber methodology underestimates total fiber.

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**Product**
- Not all product combinations are produced regularly or stocked locally; extended lead times and additional fees may apply.
- Most products available in meal (M) form; extended lead time and additional fees may apply.

**Irradiated**
- The irradiated version is identical to the standard version, with the exception of packaging.
- The “9” in the second position of the product code denotes the product has been irradiated.

**Autoclavable**
- The autoclavable version (S) differs in the level of vitamin supplementation, which is increased to account for presumed losses due to autoclaving.
## Teklad Global Diets® at a glance

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>RABBIT</th>
<th>GUINEA PIG</th>
<th>PRIMATE</th>
<th>CAT</th>
<th>FERRET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td>2030</td>
<td>2040</td>
<td>2050</td>
<td>2060</td>
<td>2072</td>
</tr>
<tr>
<td>Irradiated (29xx)</td>
<td>2930</td>
<td>2940</td>
<td>2950C</td>
<td>2960C</td>
<td>2972C</td>
</tr>
<tr>
<td>Certified (C)</td>
<td>2030C</td>
<td>2040C</td>
<td>2055C</td>
<td>2060C</td>
<td>2072C</td>
</tr>
<tr>
<td>Autoclavable (S)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extruded (X)</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### KEY FEATURES

- 16% Protein
  - 3% Fat
  - Vegetarian
- 14% Protein
  - 2% Fat
  - Vegetarian
  - Higher fiber
- 18% Protein
  - 4% Fat
  - Higher fiber
- 17% Protein
  - 4% Fat
  - Higher fiber
- 20% Protein
  - 5% Fat
  - Includes a urinary acidifier
- 25% Protein
  - 12% Fat
  - Highly digestible
  - Low ash poultry by-products
- 32% Protein
  - 18% Fat
- 36% Protein

**Global Guinea Pig Diets are fortified with stabilized vitamin C.**

**Global Primate Diets are fortified with stabilized vitamin C.**

### PURPOSE AND BENEFITS

- + Gestation
- + Lactation
- + Growth
- + Maintenance
- + Long term studies
- + Maintenance
- + Maintenance
- + Maintenance
- + Maintenance
- + Maintenance
- + Maintenance
- + Maintenance

### CALCULATED AVERAGE NUTRIENT PROFILE

| Protein % | 17.7 | 14.8 | 18.7 | 17.6 | 20.0 | 25.6 | 34.0 | 39.0 |
| Fat %     | 3.3  | 2.3  | 3.3  | 4.4  | 5.4  | 5.9  | 12.5 | 19.0 |
| Crude Fiber % | 13.7 | 21.8 | 11.9 | 14.8 | 8.1  | 3.5  | 1.7  | 1.2  |
| NDF %¹    | 29.2 | 39.4 | 25.2 | 32.0 | 18.4 | 9.2  | 6.7  | 4.4  |
| Metabolizable energy | 2.4 kcal/g | 2.0 kcal/g | 2.5 kcal/g | 2.4 kcal/g | 2.8 kcal/g | 3.2 kcal/g | 3.5 kcal/g | 3.8 kcal/g |
|           | 10.0 kcal/g | 8.4 kcal/g | 10.5 kcal/g | 10.0 kcal/g | 11.7 kcal/g | 13.4 kcal/g | 14.6 kcal/g | 15.9 kcal/g |

### FIXED FORMULA - achieving high consistency of nutrients coupled with the same ingredient inclusions in every batch

+ + + + + + + +

### Extruded

- For rodent diets, the combination of the extruded form and appropriate fortification allows for superior autoclaving quality (decreased hardness and clumping) where problems are experienced with the autoclavable pellet form.

### Certified

- There are no differences in the formula, ingredients, manufacturing standards, and quality control processes between non-certified and certified diets.
- A representative sample is tested for a panel of contaminants. This panel varies by region (US vs. Europe) reflecting differences in regulatory standards. Contact local representatives for more information.
- If diet is not stocked as certified, certification can be made available by request. Expect minimum order size and additional charges to apply.
Envigo Teklad Products
Reliable, repeatable results

Known for superior customer service, technical expertise, and sales support.

Custom research diets
Control nutrients
+ Vitamin or mineral adjusted
+ Protein or amino acid adjusted
+ Lipid or fatty acid adjusted
Induce disease
+ Atherogenic (cholesterol, fat, cholate)
+ Diet-induced obesity (40-60% fat kcal)
+ High carbohydrate (fructose, sucrose)
+ NaCl adjusted
+ Cuprizone demyelination
Dose animals
+ Control of gene expression – doxycycline or tamoxifen containing diets
+ Addition of customer-supplied ingredients/compounds

Standard natural ingredient diets for multiple species
+ Global
+ Traditional

Bedding and enrichment
+ Contact
+ Non-contact

Medicated diets
+ Fenbendazole
+ Ivermectin
+ Uniprim

Complimentary consultation with our nutritionists

Contact us
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