AIN-93G was the first of two open formulations published by the American Institute of Nutrition (AIN) committee in 1993 improving the laboratory standard, AIN-76A diet. AIN-93G is designed to accommodate the increased nutritional demands of rat or mouse growth as well as females who are pregnant or lactating, hence the “G” designation.

### Dietary Ingredient Composition (% by Weight)

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn Sugar</td>
<td>39.75</td>
</tr>
<tr>
<td>Casein Lactic</td>
<td>20.00</td>
</tr>
<tr>
<td>Granular Sugar</td>
<td>10.00</td>
</tr>
<tr>
<td>Dextrin</td>
<td>13.20</td>
</tr>
<tr>
<td>Purified Rodent Diet AIN-93G</td>
<td>5.00</td>
</tr>
</tbody>
</table>

#### Amino Acid Concentration (% of total diet)

- Arginine: 0.70
- Lysine: 1.48
- Methionine: 0.56
- Cystine: 0.30
- Tryptophan: 0.21
- Histidine: 0.51
- Leucine: 1.76
- Isoleucine: 1.14
- Phenylalanine: 0.96
- Tyrosine: 0.98
- Threonine: 0.76
- Valine: 1.00
- L-Cystine: 0.30
- Choline Bitartrate: 0.25
- Soy Oil: 7.00

#### Mineral Concentration

- Calcium (%): 0.52
- Phosphorous (%): 0.20
- Potassium (%): 0.38
- Sodium (%): 0.11
- Magnesium (%): 0.05
- Iron (ppm): 52.02
- Zinc (ppm): 36.76
- Manganese (ppm): 11.33
- Copper (ppm): 6.73
- Cobalt (ppm): 0.02
- Iodine (ppm): 0.21
- Vitamin A (IU/g): 4.00
- Vitamin D₃ (IU/g): 1.00
- Alpha-Tocopherol (IU/kg): 75.00
- Thiamine (ppm): 5.00
- Riboflavin (ppm): 6.00
- Niacin (ppm): 30.00
- Pantothenic Acid (ppm): 15.00
- Choline (ppm): 1000.00
- Pyridoxine (ppm): 6.00
- Folic Acid (ppm): 2.00
- Biotin (ppm): 0.20
- Vitamin B12 (Mg/kg): 25.00
- Vitamin K (ppm): 0.90

#### Gross Energy Kcal/gm: 3.80

### Packaging

- Fiberboard Drum

### Particle Size

- 1/2" Pellet or Meal

### Guaranteed Analysis

<table>
<thead>
<tr>
<th>Component</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crude Protein</td>
<td>17.9%</td>
<td>17.9%</td>
</tr>
<tr>
<td>Crude Fat</td>
<td>7.0%</td>
<td>7.0%</td>
</tr>
<tr>
<td>Crude Fiber</td>
<td>4.8%</td>
<td>4.8%</td>
</tr>
<tr>
<td>Moisture</td>
<td>7.0%</td>
<td>7.0%</td>
</tr>
<tr>
<td>Ash</td>
<td>4.2%</td>
<td>4.2%</td>
</tr>
</tbody>
</table>

### Storage

- Best if used within nine (9) months from date of manufacture.
- Sealed bags should be stored in a well-ventilated area in a cool, dry area away from direct sunlight. Keep bags elevated from direct contact with floors and walls, protected from moisture and pests.