### Nutrient Data

**Macronutrients**

- **Crude Protein**: % 18.4
- **Fat (ether extract)**: % 6.0
- **Carbohydrate (available)**: % 44.2
- **Neutral Detergent Fiber**: % 3.8
- **Energy Density**: kcal/g (kj/g) 3.1 (13.0)
- **Calories from Protein**: % 24
- **Calories from Fat**: % 18
- **Calories from Carbohydrate**: % 58

**Minerals**

- **Calcium**: % 1.0
- **Phosphorus**: % 0.7
- **Sodium**: % 0.2
- **Potassium**: % 0.6
- **Chloride**: % 0.4
- **Magnesium**: % 0.2
- **Zinc**: mg/kg 70
- **Manganese**: mg/kg 100
- **Copper**: mg/kg 15
- **Iodine**: mg/kg 6
- **Iron**: mg/kg 200
- **Selenium**: mg/kg 0.23

**Amino Acids**

- **Aspartic Acid**: % 1.4
- **Glutamic Acid**: % 3.4
- **Alanine**: % 1.1
- **Glycine**: % 0.8
- **Threonine**: % 0.7
- **Proline**: % 1.6
- **Serine**: % 1.1
- **Leucine**: % 1.8
- **Isoleucine**: % 0.8
- **Valine**: % 0.9
- **Phenylalanine**: % 1.0
- **Tyrosine**: % 0.6
- **Methionine**: % 0.4
- **Cystine**: % 0.3
- **Lysine**: % 0.9
- **Histidine**: % 0.4
- **Arginine**: % 1.0
- **Tryptophan**: % 0.2

**Vitamins**

- **Vitamin A**: IU/g 15.0
- **Vitamin D**: IU/g 1.5
- **Vitamin E**: IU/kg 110
- **Vitamin K (menadione)**: mg/kg 50
- **Vitamin B6 (pyridoxine)**: mg/kg 18
- **Vitamin B12 (cyanocobalamin)**: mg/kg 0.08
- **Biotin**: mg/kg 70
- **Niacin (nicotinic acid)**: mg/kg 18
- **Folate**: mg/kg 4
- **Vitamin B1 (thiamin)**: mg/kg 17
- **Vitamin B2 (riboflavin)**: mg/kg 15
- **Pantothenic Acid**: mg/kg 33
- **Vitamin B12**: mg/kg 0.4
- **Vitamin B12**: mg/kg 0.40
- **Folate**: mg/kg 4
- **Choline**: mg/kg 1200

**Fatty Acids**

- **C16:0 Palmitic**: % 0.7
- **C18:0 Stearic**: % 0.2
- **C18:1ω9 Oleic**: % 1.2
- **C18:2ω6 Linoleic**: % 3.1
- **C18:3ω3 Linolenic**: % 0.3

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**Shelf Life**: With proper storage, diet is suitable for use out to 9 months.

**Ingredients**

- Ground wheat, ground corn, wheat middlings, dehulled soybean meal, corn gluten meal, soybean oil, calcium carbonate, dicalcium phosphate, brewers dried yeast, iodized salt, L-lysine, DL-methionine, calcium propionate, choline chloride, magnesium oxide, vitamin E acetate, menadione sodium bisulfite complex (source of vitamin K activity), manganese oxide, ferrous sulfate, zinc oxide, niacin, calcium pantothenate, copper sulfate, pyridoxine hydrochloride, riboflavin, thiamin mononitrate, vitamin A acetate, calcium iodate, vitamin B12 supplement, folic acid, biotin, vitamin D3 supplement, cobalt carbonate.

**Product Description**

2918 is a fixed formula, irradiated diet manufactured with high quality ingredients designed to support gestation, lactation, and growth of rodents. 2918 excludes alfalfa meal, which lowers phytoestrogen (coumestrol) content, and reduces chlorophyll, improving optical imaging clarity. A moderate inclusion of soybean meal results in an expected isoflavone range of 225-340 mg/kg diet (daidzein + genistein aglycone equivalents). Absence of fish meal minimizes the presence of nitrosamines. Diet is exposed to irradiation dose not exceeding 50 kGy. Related codes 2018, 2018C (certified), 2918C (irradiated, certified), 2018X (extruded), 2918X (irradiated, extruded), 2018S/SC (sterilizable, certified), 2018SX (sterilizable, extruded).

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**Related codes**

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**Related codes**