

## 1310

**Breeding diet for rats and mice**

The 1310 formula is a cereal-based (soy, wheat, corn) fixed formula which is free of alfalfa and fish/animal meal and deficient in nitrosamines. This breeding diet was designed as complete feedingstuff for ad libitum feeding, recommended for breeding adult rats/mice and young rats/mice up to an age of 8 weeks.

**Available as**

1311 - Powder                      1314 - 10mm pellets                      1318 - Hybridpellet                      1319 - Extrudate

**Product variations**

The 1310 formula is optionally also available in one or a combination of the following variants.

**Variant P**

deficient in phytoestrogens

**Variant Fortified**

autoclavable, increased vitamin content, coated on request

**Variant Irradiated**

irradiated with 5 to 50kGy

**Variant TPF**

total pathogen free

*The contents may vary for these variants.*

**Metabolized energy**

<b>Content</b>	<b>Value</b>	<b>unit</b>
Fat	463 (14%)	kcal/kg
Protein	901 (27%)	kcal/kg
Carbonhydrates	1,976 (59%)	kcal/kg

**crude nutrients and moisture**

<b>Content</b>	<b>Value</b>	<b>unit</b>
Moisture	111,241 (11.1%)	mg/kg
Crude Ash	61,128 (6.1%)	mg/kg
Crude Fibre	45,480 (4.5%)	mg/kg
Crude Fat	51,398 (5.1%)	mg/kg
Crude Protein	225,155 (22.5%)	mg/kg
Nitrogenfree extractives	505,599 (50.7%)	mg/kg

## Carbonhydrates

Content	Value	unit
Monosaccharides	0	mg/kg
Disaccharides	54,151	mg/kg
Polysaccharides	350,300	mg/kg

## Minerals

Content	Value	unit
Calcium	7,062	mg/kg
Potassium	10,144	mg/kg
Magnesium	2,055	mg/kg
Sodium	2,154	mg/kg
Phosphorus	5,090	mg/kg

## Trace elements

Content	Value	unit
Aluminium	81.85	mg/kg
Chlorine	3,382.90	mg/kg
Iron	191.02	mg/kg
Flourine	3.05	mg/kg
Iodine	1.53	mg/kg
Cobalt	0.37	mg/kg
Copper	13.89	mg/kg
Manganese	77.69	mg/kg
Molybdenum	1.54	mg/kg
Sulfur	974.40	mg/kg
Selenium	0.26	mg/kg
Zinc	84.99	mg/kg

## Added vitamins

Content	Standard	Fortified	unit
Vitamin A	15,000	26,250	IU/kg
Vitamin D3	600	1,050	IU/kg
Vitamin E	77	133	mg/kg
Vitamin K3	3	5	mg/kg
Vitamin B1	18	32	mg/kg
Vitamin B2	12	21	mg/kg
Vitamin B6	9	16	mg/kg
Vitamin B12	24	42	µg/kg
Nicotinic acid	36	63	mg/kg
Pantothenic acid	21	37	mg/kg
Folic acid	2	4	mg/kg
Biotin	260	295	µg/kg
Choline chloride	600	1,050	mg/kg
Vitamin C	36	63	mg/kg

## Amino acids

Content	Value	unit
Alanine	10,284	mg/kg
Arginine	14,822	mg/kg
Aspartic acid	21,735	mg/kg
Cystine	3,244	mg/kg
Glutamic acid	43,649	mg/kg
Glycine	9,565	mg/kg
Histidine	5,508	mg/kg
Isoleucine	9,668	mg/kg
Leucine	17,123	mg/kg
Lysine	11,326	mg/kg
Methionine	3,171	mg/kg
Phenylalanine	10,549	mg/kg
Proline	13,955	mg/kg
Serine	11,300	mg/kg
Threonine	8,249	mg/kg
Tryptophan	2,929	mg/kg
Tyrosine	7,561	mg/kg
Valine	10,738	mg/kg

## Fatty acid

Content	Value	unit
Arachidic acid C-20:0	148	mg/kg
Eicosanoic acid C-20:1	185	mg/kg
Alpha-Linolenic acid C-18:3	3,018	mg/kg
Linolenic acid C-18:2	21,996	mg/kg
Palmitic acid C-16:0	5,342	mg/kg
Stearic acid C-18:0	1,615	mg/kg
Oleic acid C-18:1	9,287	mg/kg