

## 1410

**Breeding & Maintenance diet for nude rats and mice and transgenic strains**

The 1410 formula is a cereal-based (soy, wheat, corn) fixed formula which is free of alfalfa and fish/animal meal and deficient in nitrosamines. This diet was designed as high-energy complete feedingstuff for ad libitum feeding, recommended for nude/transgenic rodents in growing period, breeding and maintenance.

**Available as**

1414 - 10mm pellets

**Product variations**

The 1410 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

*The contents may vary for these variants.*

**Metabolized energy**

<b>Content</b>	<b>Value</b>	<b>unit</b>
Fat	821 (22%)	kcal/kg
Protein	1,013 (28%)	kcal/kg
Carbonhydrates	1,845 (50%)	kcal/kg

**crude nutrients and moisture**

<b>Content</b>	<b>Value</b>	<b>unit</b>
Moisture	100,581 (10.1%)	mg/kg
Crude Ash	57,079 (5.7%)	mg/kg
Crude Fibre	24,490 (2.4%)	mg/kg
Crude Fat	91,261 (9.1%)	mg/kg
Crude Protein	253,253 (25.3%)	mg/kg
Nitrogenfree extractives	473,336 (47.4%)	mg/kg

## Carbonhydrates

Content	Value	unit
Monosaccharides	23,750	mg/kg
Disaccharides	51,115	mg/kg
Polysaccharides	304,628	mg/kg

## Minerals

Content	Value	unit
Calcium	7,026	mg/kg
Potassium	8,714	mg/kg
Magnesium	1,822	mg/kg
Sodium	2,170	mg/kg
Phosphorus	5,111	mg/kg

## Trace elements

Content	Value	unit
Aluminium	81.16	mg/kg
Chlorine	3,365.80	mg/kg
Iron	182.35	mg/kg
Flourine	3.44	mg/kg
Iodine	1.49	mg/kg
Cobalt	0.36	mg/kg
Copper	13.67	mg/kg
Manganese	72.41	mg/kg
Molybdenum	1.28	mg/kg
Sulfur	864.20	mg/kg
Selenium	0.24	mg/kg
Zinc	79.04	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	81	138	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	230	275	µg/kg
Choline chloride	600	1,050	mg/kg
Vitamin C	36	63	mg/kg

## Amino acids

Content	Value	unit
Alanine	13,811	mg/kg
Arginine	14,895	mg/kg
Aspartic acid	22,607	mg/kg
Cystine	3,970	mg/kg
Glutamic acid	40,497	mg/kg
Glycine	10,824	mg/kg
Histidine	6,257	mg/kg
Isoleucine	10,965	mg/kg
Leucine	15,583	mg/kg
Lysine	11,852	mg/kg
Methionine	4,343	mg/kg
Phenylalanine	13,142	mg/kg
Proline	19,510	mg/kg
Serine	13,259	mg/kg
Threonine	9,619	mg/kg
Tryptophan	2,861	mg/kg
Tyrosine	10,200	mg/kg
Valine	12,564	mg/kg

## Fatty acid

Content	Value	unit
Arachidic acid C-20:0	456	mg/kg
Eicosanoic acid C-20:1	570	mg/kg
Alpha-Linolenic acid C-18:3	5,720	mg/kg
Linolenic acid C-18:2	41,619	mg/kg
Palmitic acid C-16:0	10,215	mg/kg
Stearic acid C-18:0	3,055	mg/kg
Oleic acid C-18:1	17,568	mg/kg