



Mice, rats, hamsters, gerbils

Feed number: 3210

Suitable for: Mice, rats, hamsters, gerbils

YOUR BENEFITS

- ◇ Balanced feed with all vitamins and trace elements
- ◇ Suitable both for maintenance and breeding with a slightly elevated protein content
- ◇ With linseed extraction meal and fishoil for natural omega-3 fatty acids
- ◇ High quality vegetable protein



Full-scale picture of the feed
Colours may be different from the product

TYPE OF FEED, FORM, DELIVERY QUANTITY

- ◇ Complete feed
- ◇ Form: pellet 12 mm round
- ◇ Delivery quantity: 25 kg paper bag
pallets of 600 kg
- ◇ Product number: 3210.PX.S25
- ◇ Storage: dry (<75% humidity), dark (no direct sunlight) and cool (10-25°C).
Temperature fluctuations of > 10°C should be avoided. Always re-move plastic film around pallets immediately after delivery



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FEED SPECIFICATIONS

Major nutrients (%)

Dry matter	90
Crude protein	22.5
Crude fat	5.5
Crude fiber	4.5
Crude ash	7
NFE	50.5
NDF	13.4
ADF	5.6
Starch	27
Sugar	6

Energy (MJ/kg)

GE	17.3
ME	13.3

Macrominerals (%)

Calcium	1
Phosphorus	0.7
Magnesium	0.2
Sodium	0.2
Potassium	1
Chlorine	0.3

Trace elements (mg/kg)

Iron	250
Zinc	61
Copper	18
Iodine	1
Manganese	46
Selenium	0.3
Cobalt	0.3

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	14000
Vitamin D3 (IU/KG)	1000
Vitamin E	80
Vitamin K3	4
Vitamin B1	20
Vitamin B2	12
Vitamin B6	9
Vitamin B12	0.05
Nicotinic acid	36
Pantothenic acid	30
Folic acid	2
Biotin	0.1
Choline	700
Vitamin C	35

Amino acids (%)

Arginine	1.5
Lysine	1.4
Methionine	0.6
Methionine + Cystine	0.9
Tryptophan	0.3
Threonine	0.8

Ingredients

Soybean meal (Europe, NGMO), wheat, mixed mill by-products, barley, peas, oat flakes, wheat starch, alfalfa, sugar beet molasses, beef and pork fat, linseed cake, minerals, fish oil, corn

Remarks

- ◇ Given values are calculated averages in air-dry feed.
- ◇ Energy values calculated according to Kamphues et al. 2014. GE=gross energy, ME=metabolisable energy.
- ◇ ME calculated according to Schug 2005 / Bielohuby et al. 2010
- ◇ Trace elements: calculated total content. Vitamin declaration: vitamins added before production. Estimated total vitamin content for ration calculations on request.
- ◇ Nutrients are subject to natural variation of the raw materials and their production process.

OUR FEED RECOMMENDATION

- ◇ The feed is suitable for consumption ad libitum.
- ◇ Daily feeding requirements: growth and maintenance: mice approx. 3-6g, rats approx. 12-20g, hamsters approx. 15g / 100g body weight; lactation: mice up to 8g, rats up to 35g.
- ◇ Always provide free access to fresh drinking water.

It is recommended to use the pellet in an enriched feeding management that maximizes the animals' feeding time

Sources:

Bielohuby et al. (2010). Predicting ME in commercial rat diets: physiological fuel values may be misleading.

British Journal of Nutrition, vol 103, pp 1525-1533

Kamphues, J. et al. (2014). Supplemente zu Vorlesungen und Übungen in der Tierernährung, 12. Auflage, M.&H. Schaper, Hannover, pp 20-26

Schug 2005 Dissertation, Untersuchungen zur Energybewertung von Standardmischfuttermitteln für Ratten; Tierärztlichen Fakultät der Ludwig-Maximilians-Universität München

Weiss, J. et al. (2009). Tierpflege in Forschung und Klinik, 3. Auflage, Enke Verlag, Stuttgart