



CARNIVORES



Bear floating extrudate

Feed number: 3351

Suitable for: omni-carnivores such as bears and canids

YOUR BENEFITS

- ◇ Can be fed year round, or, depending on the species, seasonally as a complementary feed for many omni-carnivore species
- ◇ Supplementation of vitamins and minerals for a balanced and constant ration
- ◇ Floating diet to allow activity feeding in the water as well as dry feeding for scatter feeding
- ◇ Contains poultry, fish and insect meal as animal protein sources in addition to vegetarian ingredients
- ◇ Polyunsaturated fatty acids from linseeds and salmon oil (Ω6: 2.1%; Ω3: 0.6%)



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

TYPE OF FEED, FORM, DELIVERY QUANTITY

- ◇ Supplementary feed
- ◇ Form: Extrudate 12 mm round
- ◇ Delivery quantity: 12.5 kg paper bag
pallets of 375 kg
- ◇ Product number: 3351.EM.S12
- ◇ 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	24.5
Crude fat	6.8
Crude fiber	8.6
Crude ash	9.4
NFE	40.7
NDF	18
ADF	11
Starch	24
Sugar	3.5

Energy (MJ/kg)

GE	17.4
ME Dog	12.1
ME Cat	13.2
ME Swine	12.0

Macrominerals (%)

Calcium	1.8
Phosphorus	1.2
Magnesium	0.3
Sodium	0.4
Potassium	0.7
Chlorine	0.4

Trace elements (mg/kg)

Iron	500
Zinc	162
Copper	29
Iodine	1.6
Manganese	83
Selenium	0.7
Cobalt	1.0

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	21000
Vitamin D3 (IU/KG)	2220
Vitamin E	160
Vitamin K3	9
Vitamin B1	32
Vitamin B2	23
Vitamin B6	16
Vitamin B12	0.09
Nicotinic acid	79
Pantothenic acid	56
Folic acid	4
Biotin	0.7
Choline	1100
Vitamin C	50

Amino acids (%)

Arginine	1.5
Lysine	1.7
Methionine	0.5
Methionine + Cystine	1.0
Tryptophan	0.2
Threonine	0.9
Taurine	0.2

Ingredients

Rice, corn, poultry meat protein, sunflower extraction meal, wheat mill by-products, apple pomace, fish meal, rapeseed extraction meal, alfalfa, corn gluten, insect meal, minerals, grape pomace, carob, soya oil (NGVO European), yeasts, linseed products, cellulose, wheat germs, fish oil, rapeseed oil, vitamin and trace element premixes, amino acids, potassium sorbate, natural antioxidants

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 NRC dogs & cats 2006, Kamphues et al 2014
- ◇ 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

- ◇ This diet should be used as a complementary diet. Depending on species and season fresh grass, leaves, vegetables, berries, insects, eggs, meat, seeds and nuts should be added.
- ◇ For some bear species it can be useful to combine and/or switch to other Granovit products during specific seasons, e.g. Leaf Eating Primate, Grazer, Insectivore extrudate, Carnivore supplement.
- ◇ Always provide fresh water ad libitum.
- ◇ Feed dry (scatter feeding) or floating on a water surface
- ◇ This diet can be included in the total ration up to 70% of dry matter, ideally 20-40%.
- ◇ For more detailed feeding recommendations, don't hesitate to ask for our advice.

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

Sources:

Kamphues, J. et al. (2014). Supplemente zu Vorlesungen und Übungen in der Tierernährung, 12. Auflage, National Research Council (2006). Nutrient Requirements of Dogs and Cats, Watts J.C., Case study: Seasonal diets for brown bears (*Ursus arctos*) at Brookfield Zoo – successful implementation led to reduced weight and improved behavior, Robbins et al. (2022), Ursids evolved early and continuously to be low-protein macronutrient omnivores. Scientific Reports 12:15251, nature portfolio, <https://doi.org/10.1038/s41598-022-19742-z>