

Chicory pulp – Technical sheet

Product

The chicory pulp is obtained after extraction of inulin by diffusion of the chicory root shreds.

It is a raw material for animal feed.

The pulp, which is the by-product of this process, is a moderately fermentable source of fibre, rich in pectin and provided with 4% of inulin, a fructo-oligosaccharide which promotes beneficial bacteria of the intestinal flora of monogastric.

Drying process

SOCODE dries this pulp with use of an indirect drier.

The result is a high-quality pulp of lightly grey colour and without burned particles.

The pulp shreds are not molassed.

Presentation and characteristics

In powder form, ground to 3mm, 1mm (10 % of the pulp can be between 1,2 and 1 mm, and 90% is < 1 mm), 800µm or 600 µm.

Colour: light grey

The water holding capacity is 8g water for 1g pulp within 1 hour, and 10,5g water for 1g pulp within 24 H.

Applications

- 3 mm: for calf and horse feed or as a vegetable carrier for wet fodder.
- 1 mm or 800µm: in piglet, sow, rabbit feed, etc., or as a vegetable carrier for acids, monopropylene glycol, glycerol, essential oils, liquid vitamins, etc.
- 600µm : for specific petfood requests.

Dosage

± 0.4kg/100kg of live weight for bovines and ovine;

± 300 g/day for sows, and 3% in piglet rations.

± 3% for dog and cat food, and horse feed.

Composition

Nutritional value on label

Moisture:	130 g/kg	Total cellulose:	185 g/kg	Crude Fibre : 18.5%
Total protein:	75 g/kg	Total ashes:	70 g/kg	

Indicative analysis (pro kg product)

Ferm.Org. Mat.	642 g/kg	Hemicel	80 g/kg
Ne pigs (energy)	2184 kcal	ADL	20 g/kg
ME porc	2851 kcal	Pectin	270 g/kg
DE porc	2918 kcal	ADF	240 g/kg
ME dogs	536 Kcal	NDF	320 g/kg
VEM (energy milk prod.)	893	Ca	10 g/kg
VEVI (energy meat prod.)	960	P	2 g/kg
Digest. Energy Horses	12 MJ or 2874 Kcal	Mg	2 g/kg
Digest.prot.pigs	36 g/kg	K	8 g/kg
Total fats	17 g/kg	Na	2,4 g/Kg
Total sugars	70 g/kg (of which 40g inulin)	Lys	4,1 g/kg
Total cellulose	185 g/kg	Meth	1,19 g/kg
TDF	680 g/kg	Trypto	0,765 g/kg
ME rabbits	2411 Kcal/kg	Soluble fibres :	25.8%



DE rabbits

2526 Kcal/kg

Insoluble Fibres

43.3%

Shelf-life : 12 months.

Packaging

- 25kg net paper bag on 975kg pallet (80x120cm), 1000kg (100x120cm) pallet;
- 35kg net paper bag on 1050kg pallet (100x120cm);
- 1000kg big bag on pallet (100x100cm);
- Bulk (silo truck).

Customs tariff : 23099096