Lupine protein isolate, spraydried

Item code: 10600

Product description
Protein fraction gained by aqueous extraction and spray drying from seeds of the blue sweet lupine (*Lupinus angustifolius*).
- Neutral at pH 7.0
- Flowing powder

**Sensors**
- Color: beige to brownish
- Texture: flowing powder
- Smell: grain, flour
- Taste: neutral till grassy

**Microbiological specification**
- Aerobic mesophilic count: < $10^5$ CFU / g
- Yeasts and mould: < $10^2$ CFU / g
- Enterobacteriaceae: < 10 CFU / g
- E.coli: < 10 CFU / g
- Salmonella: absent in 25 g
- Listeria monocytogenes: < $10^2$ CFU / g
- Coagulase positive staphylococci: < $10^2$ CFU / g

**Nutrition information per 100 g**
- Energy: 1600 kJ
- Energy: 378 kcal
- Fat: 3.0 g
- - thereof saturated fatty acids: 0.7 g
- Carbohydrates: 0.5 g
- - thereof sugar: 0.5 g
- Fibres: 4.4 g
- Protein: 91 g
- Salt: 2.1 g

**Nutritional information**
- Vegetarian: Yes
- Vegan: Yes
- Organic: No
Physico-chemical quality criteria
Protein content 87 - 95 %
PH value neutral
Water solubility mixable, ca. 1.5 ml / g
Emulsifying 460 ml / g
Oil binding 2.8 ml / g
Pesticides not detectable

Storage / EXP
Storage conditions: Unopened at under 20 °C and 60 % RH
Remaining shelf life: 180 days

Packaging
20 kg in a kraft-paper-bag with LDPE foil inside
Shipping on europallet (wooden)

Weights
Volume / Piece 20.0 kg
Net weight / Piece 20.0 kg
Gross weight / Piece 20.2 kg
Net weight packaging / Piece 0.2 kg
Gross weight / Unit -
Net weight / Unit -
Gross weight / Pallet 931.0 kg
Net weight / Pallet 900.0 kg

Pallet packing
Layer 15
Piece per layer 3
Piece total 45

Size
Piece (LxWxH) 105 x 55 x 10 cm
Pallet (LxWxH) 120 x 80 x 165 cm

Allergenic statement
The product contains LUPINE corresponding to appendix 2 of the European Food Information Regulation No. 1169/2011.

GMO-Clarification
It is confirmed that the product does not contain or consist of genetically modified organisms (GMOs) in accordance with Regulation (EC) 1829/2003 and (EC) 1830/2003. It also contains no ingredients that are made from GMOs.

Other information
Tax rate 7 %