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|  | Product data sheet Lupine flour | Page 1 von 3 PD 10062-00 |
| Created: A. Harting/QM | Released: U. Jansen/DSC | Valid from: 2018/08/31 |

Lupine flour

Item code: 10062

Product description

Ground seeds of the blue sweet lupine (*Lupinus angustifolius*), which were previously peeled and de-oiled.

- Degree of grinding < 300 µm
- Flowing powder
- Moisture < 15 %

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 | 1200 kJ |
| Energy | 288 kcal |
| Fat | 0.9 g |
| - thereof saturated fatty acids | 0.2 g |
| Carbohydrates | 16.0 g |
| - thereof sugar | 2.9 g |
| Fibres | 34.3 g |
| Protein | 32.0 g |
| Salt | 0.1 g |

Nutritional information

Vegetarian Yes
Vegan Yes
Organic No

Physico-chemical quality criteria

| | |
|--|-------------------------|
| Proteincontent | 30 - 40 % |
| Dry matter | 85 - 90 % |
| Ash | 3.5 g / 100 g |
| Water solubility | mixable, ca. 1.5 ml / g |
| Emulsifying | 460 ml / g |
| Oil binding | 2.8 ml / g |
| Alkaloids | 0.07 % |
| Pesticides | not detectable |
| May contain traces of particles > 300 µm | |

Storage / EXP

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

Packaging

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

Weights

| | |
|------------------------------|----------|
| Volume / Piece | 25.0 kg |
| Net weight / Piece | 25.0 kg |
| Gross weight / Piece | 25.2 kg |
| Net weight packaging / Piece | 0.2 kg |
| Gross weight / Unit | - kg |
| Net weight / Unit | - kg |
| Gross weight / Pallet | 551.2 kg |
| Net weight / Pallet | 525.0 kg |

Pallet packing

| | |
|-----------------|----|
| Layer | 7 |
| Piece per layer | 3 |
| Piece total | 21 |

Size

| | |
|----------------|-------------------|
| Piece (LxWxH) | 70 x 30 x 16 cm |
| Pallet (LxWxH) | 120 x 80 x 127 cm |

Allergenic statement

The product contains LUPINE corresponding to appendix 2 of the European Food Information Regulation No. 1169/2011. Product contains traces of GLUTEN!

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 %
Country of origin Germany