

Specification of finished products

**Distilling grains - S005**

**Manufacturer identification:**

Slovenské liehovary a likéry a.s. , Trnavská cesta, 920 41 Leopoldov Tel. +421 33 7352102

**Product description:**

By-product of alcohol production, obtained by centrifugation of liquid distilling burnt parts after fermentation and distillation from corn scrap. It is used as an additive in wet-feed compound feeds for animals. Raw material: corn grains (*Zea mays* L.) intended for the production of ethanol the quality of which complies with S001 04 Maize.

**Organoleptic characteristics:**

**Appearance:** Loose with a moisture content of up to 70%.

**Colour:** Honey-yellow

**Odour:** Typical of the product, without any foreign odour

**Quality requirements:**

Parameter	In original mass
Dry matter in % by weight	min. 32%
Nitrogenous matter NL in % w/w	min. 10
Fibre in % w/w	min. 3.5
Fat in % w/w	min. 0.5
Ash in % w/w	max. 1.0

**Mycotoxin content:**

Parameter	Max. content calculated at 12% moisture
Aflatoxin (B1, B2, G1, G2)	0.02 mg/kg, feed intended for dairy cows 0.005 mg/kg
Deoxynivalenol (DON)	9 mg/kg
Zearalenone (ZEA)	1.5 mg/kg
Ochratoxin	0.1 mg/kg

Prepared by: Ing. Rastislav Šiška  
November 2021

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**Medical harmlessness:**

1. The feed material must be medically harmless, free of live pests and foreign odours.
2. The amount of unwanted substances in the feed material (heavy metals, mycotoxins, etc.) must comply with the applicable legal regulations of the European Union and the Slovak Republic (Regulation of the EP and of the Council (EC) No. 178/2002 and No. 183/2005 and the Government Ordinance No. 438/2006 Coll., on undesired substances in animal feed and on other indicators of safety and usefulness of animal feed).

**Information on GMO and additives:**

The product does not originate from genetically modified organisms and complies with the requirements of Regulations of the European Parliament and of the Council No. 1829/2003 and No. 1830/2003 . No antibiotics are used in the production process. The product contains the SELKO TMR preservative in the amount of 1-1.5 kg/tonne of flour.

**Storage, packaging, transport:**

**Storage:** The storage areas and facilities must be dry, clean and in good condition, with rodent and bird access prevented.

**Shelf life:**

- untreated - max. 48 hours after delivery,
- 2 months from the date of production, if the feed material is ensilaged without access to air. Ensilaging means air sealing, hermetic sealing with a foil in at least one layer and applying a load on the cover, or storage by bagging.

**Packaging, transport:** Packaging - loose. The means of transport carrying the bulk materials must be cleaned regularly and no residues from previous transport must be left in the transport containers. The transported raw material must be protected from the weather.

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