

ARBOCEL

Natural lignocellulose

Raw material

Selected, gently dried, native timber

Chemical and physical properties

| | | |
|---|------|-------------------|
| Colour | | yellow |
| Structure | | granules |
| Average fiber length | | 200 µm - 300 µm |
| Loss on drying | max. | 12 % |
| Oxide ash (850 °C, 4 h) | ~ | 0.5 % |
| pH-value (10 % suspension) | | 4.5 - 6.5 |
| Bulk density (in accordance with DIN EN ISO 60) | | 300 g/l - 400 g/l |

Screen residue (RETSCH vibrating sieve) with an interior mesh aperture of:

| | |
|----------------------|--------------------|
| <u>> 2,000 µm</u> | <u>> 500 µm</u> |
| max. 18 % | min. 88 % |

Internal analyses are based on JRS own methods.

Composition

Lignocellulose

Product name / Declaration

Lignocellulose is listed in the Positive List of Feed Materials (Reg. No. 12.08.01) of the German Agricultural Society (DLG) - crude fiber content min. 65 % as fed basis.
EU Catalogue of feed materials: 7.8.1 Lignocellulose made of spruce

Information on the manufacturing process

Product obtained by means of mechanical processing (fibrillation) of fresh natural dried wood.

Used aids and supplementary products

None

Undesired substances within the framework of risk based own controls

Meets EU Regulatory Requirements

Critical substances

None

Remarks to specific analytical problems

None

Safety remarks

Usual precautionary measures have to be observed when working with all combustible materials containing dusty particles.

Storage

Store under dry conditions. In original and unopened bags, best before at least 3 years starting with production date

General remarks

ARBOCEL Lignocellulose is gained from selected, untreated and carefully dried native timber. The product is characterised by a very high water binding capacity and by an optimum microbiological status.

ARBOCEL Lignocellulose is used in feed compounds mainly for crude fiber enrichment. Due to its expansion and swelling capacity the dosage recommendation is between 0.5 % and 6 %, depending on the application.

ARBOCEL RC FINE can be mixed to wet or dry feedstuff.

As with all natural products slight differences to the above given values may arise.

**J. Rettenmaier & Söhne GmbH + Co KG is registered as feed and compound feed manufacturer according to article 9 of EC Feed Hygiene Regulation (183/ 2005).
J. Rettenmaier & Söhne GmbH + Co KG location Holzmühle (F00000597), complies with the requirements of QS-system for production of feed materials (QS-ID: 4031735751574).**

Release date: 2017-10 / 2 pages



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