

VITACEL

Powdered Cellulose

Description

VITACEL L 500 is a purified, mechanically disintegrated cellulose prepared by processing alpha cellulose obtained as a pulp from fibrous plant materials.

VITACEL L 500 is used for example as organic filter aid and is of high chemical and microbial purity.

VITACEL L 500 meets or exceeds the monograph requirements for Powdered Cellulose filter aids as published in the Food Chemicals Codex.

Chemical and physical properties

Oxide ash (850 °C, 4 h)	max.	0.3 %
pH-value (5 % suspension)		5 - 7.5
Average fiber length*		900 µm
Average fiber thickness*		20 µm
Bulk density (in accordance with DIN EN ISO 60)		20 g/L - 40 g/L

Microbiological analysis

Total plate counts	max.	5 x 10 ³ cfu/g
Yeasts and moulds	max.	1 x 10 ³ cfu/g

Heavy metals

Arsenic	max.	3 mg/kg
Lead	max.	2 mg/kg
Mercury	max.	1 mg/kg
Cadmium	max.	1 mg/kg

Screen analysis (in accordance with DIN EN ISO 4610/air jet sieve) with an interior mesh aperture of:

<u>> 500 µm</u>	<u>> 300 µm</u>	<u>> 32 µm</u>
max. 0.5 %	max. 35 %	max. 95 %

Sensory properties

Appearance	white, powder
Flavour, Odour	neutral

Storage

Store at room temperature in dry conditions. In original and unopened bags, best before at least 5 years starting with production date

(* typical values)

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