



Product Specification Fruit Fibres:

Apple Fibre WS 411 (fine)

Apple Fibre WS 411 is a fine powdered fibre concentrate derived from extracted apples
Food ingredient corresponding to the EC food regulations.

Declaration	Apple fibre
Components	100 % apple fibre
Purity	free from pathogen germs, pests, insects, foreign or harmful impurities

Sensorical description:

Appearance	fine powder, light brown
Taste and Odour	typical apple, aromatic
Bulk density (typical)	450 ± 70 g/l

Fibre profile (typical):

TDF (AOAC d.s.)	ca.	55 %
whereof:		
- insoluble fibres	ca.	45 %
- soluble fibres (consist of ca. 90 % pectins)	ca.	10 %
Water absorption (AACC d.s.)	ca.	500 %

Analysis (typical):

pH (10 % suspension)	4 ± 1
Moisture	max. 8,0 %
Ash	max. 3,0 %
Carbohydrates	ca. 25,0 %
- Fructose	ca. 7,7 %
- Sucrose	ca. 3,5 %
- Glucose	ca. 3,2 %
- Sorbitol	ca. 1,2 %
Fat	ca. 2,5 %
Protein	ca. 4,6 %
Gluten content (ELISA - Mendez 5)	n.d.

Particle size:

	(Airjet DIN 53734)
< 300 µm	min. 90 %
< 150 µm	min. 60 %

Minerals per 100 g (typical):

Potassium (K)	320 mg
Calcium (Ca)	90 mg
Magnesium (Mg)	35 mg
Sodium (Na)	32 mg



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Microbiology:

	free from pathogenic germs
TPC	max. 10^4 /g
Yeasts and molds	max. 10^3 /g
Coliforms	n.d.
E. coli	n.d.
S. aureus	n.d.

Heavy metals (monitoring):

Lead (Pb)	max. 0,6 mg/kg
Cadmium (Cd)	max. 0,3 mg/kg

Contaminants:

Analysed residues of crop protectants, pesticides and mycotoxins correspond to the EEC and U.S. food regulations.

Warehousing data:

Shelf-life	3 years, cool (< 20 °C) and dry
Packaging	Paper bag 25 kg, 600 kg per palett
Customs tarrif code	2308 0040

Please note:

The information is based on our quality management's findings. Yet the user is not free from his duty of verifying relevant data on his own. The analytical values may vary in a range as usually recognized for natural products.

Distributed by:

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