

FCA300FB

LMC Pectin E440

File No: DSP-SPEC-300FB EN
Revision date: September 08, 2017

Description

HSA300FB is a purified low methoxyl pectin, extracted from Apple pomace and standardized with sucrose.

Specification

Grade (USA SAG):	130 °± 5
Setting temperature:	65 – 75 °C
pH (1% solution):	3.0 – 3.8
Degree of Esterification:	32 – 38%

Application

High temperature bakery fillings and jams

pH range:	3.4 – 3.6
Soluble solids:	> 65 %

Usage Levels (Guidelines)

: 0.8-1.2 %

We recommend dissolving Pectin in water before addition to the final system.

Sensory characteristics

Appearance:	Free flowing powder.
Colour:	Pale brown powder.
Odour:	Slight, free from off-notes.
Taste:	Slight, free from off-flavours.

Microbiological characteristics

Total plate count:	< 1000 cfu/g
Yeast and mould:	< 100 cfu/g
Coliforms:	absent in 1 g
E. coli:	absent in 1 g
Staphylococcus aureus:	absent in 1 g
Salmonella:	absent in 25 g

The customer must take sole responsibility in the use and control of this product according to their countries current legislations.

Chemical characteristics

Pectin content:	> 60 %
Galacturonic acid:	> 65 %
Loss on drying:	< 12 %
Ash ,total:	< 5 %
Acid-insoluble ash:	< 1 %
Nitrogen content:	< 1 %
SO ₂ :*:	< 50ppm
Free methyl, ethyl and isopropyl alcohol:	< 1 %
Heavy metals as lead:	< 15ppm
Lead:	< 5ppm
Arsenic:	< 3ppm
Particle size:	1% retained on 300um

* Not used in the process.

Legal requirements

This product complies with all criteria laid down by ECC/EU, FAO/WHO (JECFA) and FDA/FCC.

Nutritional information depends on the standardisation

Energy (per100g):	typically 550 - 650kJ
Protein:	typically < 0.5%
Carbohydrates:	15 – 25%
Of which sugars:	15 – 25%
Fat:	< 0.5%
Fibre:	typically 75 – 85%

Packaging & Storage

Packaging:	Paper with polythene liner (25kg net)
Storage:	Cool and dry
Shelf life:	24 months

Risks and Handling

A Material Safety Data Sheet is available on request.

This document has been electronically generated and the paper copy is on file in Haisheng Pectin's Quality Assurance office.