

Type EXP18103001

HM Slow Set Pectin for Confectionery E440

Description

Andre pectin type EXP18103001 is a slow setting purified high methoxyl pectin, extracted from apple pomace, standardised with sucrose to constant gel strength. This is an experimental pectin blend specifically formulated for the customer, upon approval it will be given a permanent type number.

Composition

Pectin	E 440
Sucrose	

Typical application

Confectionery.

pH range	3.1 - 3.8
Soluble solids	75 - 85 %

Usage levels (Guidelines)

Confectionery 0.8 - 2.5 %

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

Sensory characteristics

Item	Index
Appearance	free flowing powder
Colour	pale brown powder
Odour	slight, free from off-notes
Taste	slight, free from off-flavours

Specification

Item	Index
pH (2% solution)	2.6 - 3.6
Degree of esterification	59 - 63 %
Galacturonic acid	≥ 65 %
Loss on drying	≤ 12 %
Acid-insoluble ash	≤ 1 %

Chemical characteristics

Item	Index
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Nitrogen content:	≤ 1 %
SO ₂ *	≤ 10 mg/kg
Free methyl, ethyl and isopropyl alcohol	≤ 1 %
Lead	≤ 2 mg/kg
Arsenic	≤ 3 mg/kg
Mercury	≤ 1 mg/kg
Cadmium	≤ 1 mg/kg

* Not used in the process.

Microbiological characteristics

Item	Index
Total plate count	≤ 500 CFU/g
Yeast and mould	≤ 100 CFU/g
Coliforms	< 3.0 MPN/g
E. coli	< 3.0 MPN/g
Staphylococcus aureus	absent in 25 g
Salmonella	absent in 25 g

Legal requirements

This product complies with all criteria laid down by EU, FAO/WHO (JECFA) and FDA/FCC and is GMO and Allergen free according to EC directives.

Quality assurance system

ISO 9001, ISO 22000, BRC, Halal, Kosher.

Packaging & storage

Packaging	paper with polythene liner (25 kg net)
Storage	cool and dry
Shelf life	24 months

Risks and handling

A Material Safety Data Sheet is available on request.

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