



Type APC201Y

Description

Andre pectin type APC201Y is a purified low methoxyl amidated pectin standardised with sugars to increase the viscosity of yoghurt to a certain index.

Composition

| | |
|---------|-------|
| Pectin | E 440 |
| Sucrose | |

Typical application

As a thickening agent in yoghurt.

Usage levels (Guidelines)

0.1 - 0.4 %

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) | 3.5 - 4.5 |
| Degree of esterification | typically $27 \pm 3\%$ |
| Degree of amidation | typically $22 \pm 3\%$ |
| Galacturonic acid | $\geq 65\%$ |
| Loss on drying | $\leq 12\%$ |
| Acid-insoluble ash | $\leq 1\%$ |

Chemical characteristics

| Item | Index |
|--|-------------------------|
| Nitrogen content: | $\leq 2.5\%$ |
| SO_2^* | $\leq 10 \text{ mg/kg}$ |
| Free methyl, ethyl and isopropyl alcohol | $\leq 1\%$ |
| Lead | $\leq 2 \text{ mg/kg}$ |

| | |
|---------|------------------------|
| Arsenic | $\leq 3 \text{ mg/kg}$ |
| Mercury | $\leq 1 \text{ mg/kg}$ |
| Cadmium | $\leq 1 \text{ mg/kg}$ |

* Not used in the process.

Microbiological characteristics

| Item | Index |
|-----------------------|--------------------------|
| Total plate count | $\leq 500 \text{ CFU/g}$ |
| Yeast and mould | $\leq 100 \text{ CFU/g}$ |
| Coliforms | $< 3.0 \text{ MPN/g}$ |
| E. coli | $< 3.0 \text{ MPN/g}$ |
| 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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