

# Type APC200Y

## Low Methoxyl Amidated Pectin

### Description

Andre pectin type APC200Y is a purified low methoxyl amidated pectin, extracted from citrus peel and 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)	3.8 - 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 <sub>2</sub> *	$\leq 10$ mg/kg
Free methyl, ethyl and isopropyl alcohol	$\leq 1$ %

Lead	$\leq 2$ mg/kg
Arsenic	$\leq 3$ mg/kg
Mercury	$\leq 1$ mg/kg
Cadmium	$\leq 1$ mg/kg

\* Not used in the process.

### Microbiological characteristics

Item	Index
Total plate count	$\leq 500$ CFU/g
Yeast and mould	$\leq 100$ 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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