

Product Specification

PECTIN WAS-513 WTA

Ref: 103063

Description

The Pectin WAS-513 WTA is a low methoxyl, amidated pectin with sucrose and citric acid. It is standardised to constant rheological properties in defined gels with 55 and 40 brix and pH 3.2.*

Typical application: homemade jams at the rates 1:1 and 1:2. Typical dosage of 1.5 - 2 %, depending on the composition of the final product.

Source: apple fruits

Composition

Pectin (E 440ii), Citric acid (E 330), Sucrose

Regulation status

Amidated pectin (E440ii) permitted in food according to Regulation (EC) No 1333/2008, compliant with the purity criteria set by Regulation (EU) No 231/2012. Direct food substance affirmed as GRAS under US Code of Federal Regulation 21 CFR § 184.1588.

Specifications

Sensory quality

Aspect:	Fine, free-flowing powder
Color:	Beige
Flavor:	Almost neutral
Solubility:	Soluble in water forming a colloidal solution, insoluble in ethanol

Analytical quality

Degree of esterification:	26 - 35 %
Degree of amidation:	15 - 23 %
pH (1 % solution, 25 °C):	2.8 - 3.4
Loss on drying:	< 12 %
Tap density (10 taps) :	800 - 1000 g/l
Particle size:	> 95 % through 315 µm**
Acid insoluble ash:	< 1 % insoluble in 3N hydrochloric acid**
Residual solvents (methanol, ethanol, 2-propanol):	< 1 % singly or in combination**

Microbiological quality

Total plate count:	< 1,000 cfu/g**
Mould count:	< 100 cfu/g**
Yeast count:	< 100 cfu/g**
Enterobacteriaceae:	Not detectable in 1 g**
Salmonella:	Not detectable in 25 g**

*Rheological quality granted 18 months in specified storage conditions. After this date, within the best before date, the rheological quality may have slightly changed.

**Ensured by internal control plan.

Product Specification

PECTIN WAS-513 WTA

Ref: 103063

Packaging

Cardboard box with polyethylene bags: 25 kg net

Recommended storage conditions

Room temperature (< 30 °C), sheltered from light, moisture and oxygen.

Best before

36 months under the previously mentioned conditions and in its original packaging.

This document was generated electronically and is valid without signature.

Version 1 from: 23.01.2025

Replaces version from: