



Intercooperation Zrt.
1158 Budapest
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Trade Divízió

Product Specification

Apple juice concentrate

AJ spec no.: 1101103010101

AJ material no.: 11011030

Reviewed by: MHI

Review date: 08.05.2018

General Information:

Concentrated apple juice is made by physically removing water from apple juice obtained from pressing of sound and ripe apples.

This product complies with Directive 2012/12/EU and the A1JN Code of Practice.

This product contains no substances causing allergies or intolerances according to Regulation (EU) 1169/2011 Annex II.

This product complies with Regulation (EC) 1829/2003 and 1830/2003 and does not contain genetically modified organisms (GMO).

Residues of Heavy metals and mycotoxins are within the limits of Regulation (EC) 1881/2006 and pesticide residues are in accordance with the Regulation (EC) 396/2005.

Further information:

Botanical Name: Malus domestica Borkh.

Sensorial Specification:

Appearance: Typical, clear, golden-yellow, viscous liquid

Flavour and Taste: Typical for the named fruit

Physico-chemical Specification:

Relating to concentrate:

| Parameter | Unit | Method | Target | MIN | MAX |
|---------------------------------------|------|---------------------------|--------|------|------|
| Soluble solids | °Bx | refractometric | | 69,5 | 70,5 |
| Total acidity as malic acid at pH 8.1 | % | titration | | 1,8 | 2,7 |
| pH value | | 20g conc. + 20g dest. H2O | | 3,0 | 4,2 |

Relating to juice strength:

| Parameter | Unit | Method | Target | MIN | MAX |
|---------------------|------|-------------|--------|------|------|
| Juice strength | °Bx | pycnometric | 11,2 | | |
| Absorption at 440nm | AU | photometric | | 0,20 | 0,40 |
| Turbidity | NTU | optical | | | 2,0 |

Microbiological Specification:

| Parameter | Unit | Method | Aseptically | Non-Aseptically |
|--------------------|--------|--------------|-------------|-----------------|
| Total viable count | cfu/ml | plate method | < 30 | < 300 |
| Yeasts | cfu/ml | plate method | < 10 | < 100 |
| Mould | cfu/ml | plate method | < 10 | < 100 |

Packaging and recommended storage information:

Packaging: as agreed

Optional: .

Recommended storage temperature: 4 - 6 °C

Recommended storage temperature: -18 °C