



Intercooperation Zrt.

1158 Budapest

Késmárk u. 11-13

Trade Divízió

**Termékspecifikáció
Szűrt citrom sűrítmény**

Ref.: AbibLcc18
January 2018

Product Specification

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**LEMON JUICE CONCENTRATE
400gpl, Crystal Clear, Aseptic**

<i>Denomination:</i>	Lemon Juice Concentrate 400 gpl, crystal clear, aseptic
<i>Origin:</i>	100% from Sicilian lemons
<i>Fruit:</i>	"Citrus Limonum"
<i>Varieties:</i>	Femminello, Interdonato
<i>Shelf life:</i>	18 months in the original packing stored at 0°C +4°C
<i>Standard packing:</i>	25 kilos net alluminated aseptic bag in box
<i>Colour:</i>	typical yellow-amber
<i>Flavour:</i>	typical of sicilian lemons
<i>Residual pulp content:</i>	Absent
<i>Preservatives</i>	Absent
<i>Brix (refractometric):</i>	47° – 48° at 20° C
<i>Specific gravity at 20° C:</i>	1.240 – 1.260
<i>Total acidity:</i>	min. 400 gpl as Citric Acid anhydrous
<i>*L-Ascorbic acid:</i>	Min. 350 mg/lt
<i>*L-Malic acid:</i>	1200 – 1600 mg/lt
<i>*Potassium (K):</i>	1600 – 2000 mg/lt
<i>*Sodium (Na):</i>	5 - 25 mg/lt
<i>*Magnesium (Mg):</i>	70 - 90 mg/lt
<i>*Calcium (Ca):</i>	30 – 70 mg/lt
<i>*pH:</i>	> 1.4
<i>*Formol number:</i>	> 1.6
<i>*Transmittance:</i>	> 98% @660Nm
<i>*Absorbance:</i>	0.05 -0.1 @430Nm
<i>Colouring agents:</i>	Absent
<i>Essential oil residues:</i>	max 10 mg/Kg
<i>GMOs:</i>	absent, directly and indirectly
<i>Foreign bodies (black specks, etc.):</i>	Absent
<i>Pesticide residues:</i>	in compliance with EEC-directive 97/41 and successive modifications
<i>Heavy Metals:</i>	in compliance with EEC-directive 93/315 and successive modifications

*Values provided for reconstituted juice refer to 8° Brix





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<i>Sucrose</i>	Max 5 g/l
<i>Glucose</i>	3-12 g/l
<i>Fructose</i>	3-11 g/l
<i>Glucose/Fructose</i>	0,95-1,3

MICROBIOLOGICAL DATA

<i>Total plate count:</i>	< 200 UFC/g
<i>Yeasts:</i>	< 20 UFC/g
<i>Moulds:</i>	< 20 UFC/g
<i>TAB</i>	absent
<i>Coliforms:</i>	absent
<i>E-Coli:</i>	absent
<i>Staphylococcus:</i>	absent
<i>Enterobacteria:</i>	absent
<i>Salmonellæ:</i>	absent
<i>Other Pathogens:</i>	absent

BASIC PROCESSING FEATURES

<i>Pasteurisation:</i>	Flash
<i>Deaeration:</i>	Yes
<i>Resin Filtration:</i>	Yes
<i>UltraFiltration:</i>	No
<i>Mechanical Filtering:</i>	rotative
<i>Chilling after Concentration:</i>	Yes

