



Specifications sheet for ITM00042

Natural Lemon Juice NFC

Last update: 02/07/2015

Product general informations:

Product name: Natural Lemon Juice NFC

Scientific name: Citrus limon

Description:

The product is resulting from the processing of 100% fresh lemon.

The raw material is clean, freshly harvested, ripe, whole, fruit.

The fruits are washed, brushed, pressed with FMC equipments. After filtering the juice is centrifugated in order to reduce the pulp content and pasteurized.

The product does not contain added thickeners, sugars, salt, colours, flavours, preservatives or other additives of any kind.

Available certifications

Organic:	Available
Baby food:	Not available
NOP:	On demand
Biosuisse:	On demand
Demeter:	On demand
Kosher:	On demand
Halal:	On demand
OGM free:	Available

Available origins

Italy

Organoleptic characteristics

Colour: Clear yellow to bright yellow

Smell: Typical of lemon

Taste: Typical of lemon

Tolerances

Foreign materials: Absent

SOME DETAILS MAY CHANGE WITHOUT NOTICE

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Physico-Chemical characteristics

Acidity (as anhydrous citric acid):	4,85-6,58
D-Isocitric acid:	206-500 mg/l
Citricacid-isocitric ratio:	<220
Formol index (0,1 N NaOH/100 ml):	13-26
Glucose-fructos ratio:	0,93-1
Sucrose:	10-50 g/l
Flavonoid glycosides:	5,7-10,4 g/l
Total pectins:	300-700 mg/l
B-Carotene:	0,00007-0,00018 g/kg
Relative density (at 20 °C):	1,028-1,040
Brix (single strength):	7-8,7
Titration acidity:	55 g/l
Citric acid (single strength):	45-63g/L
L-Ascorbic acid:	150-600 mg/l
L-Malic acid:	2,0-2,9
Glucose:	5,3-9,7 g/l
Fructose:	3-11 g/l

Microbiological characteristics

Total plate count:	<2/ml
Yeasts and moulds:	<2/ml

Packing, logistics and storage characteristics

18 or 200 kg Drums Frozen - Shelflife: 18 months if stored at -18 °C in clean and suitable conditions

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15 or 200 kg Aseptic drums Sterilized/Aseptic - Shelflife: 12 months from production date under stable and dry conditions (between 15 and 25 °C)

10 or 20 Bag in box Frozen/Refrigerated - Shelflife: 12 months if stored at -18 °C in clean and suitable conditions (6 months if stored at 5 °C)

Allergens

	<i>As ingredient</i>	<i>In the factory</i>	<i>On the same line</i>	<i>Upstream suppliers</i>
Gluten:	No	No	No	No
Shellfish:	No	No	No	No
Eggs:	No	No	No	No
Fish:	No	No	No	No
Peanuts:	No	No	No	No
Soy:	No	No	No	No
Milk:	No	No	No	No
Lactose:	No	No	No	No
Nuts:	No	No	No	No
Celery:	No	No	No	No
Mustard:	No	No	No	No
Sesame:	No	No	No	No
Lupins:	No	No	No	No
Sulphur dioxide:	No	No	No	No
Mussle:	No	No	No	No

Nutritional values (100.g):

Kcalories:	6
Proteins:	0,2 g
Fat:	0 g
Saturated fat:	- g
Mono-unsaturated:	- g
Poly-unsaturated:	- g
Soluble sugars:	1,4 g
Carbohydrate:	1,4 g
Dietary fibers:	0 %

These nutritional values are indicative as average measurements for the product

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