



Technical Data Sheet

Kosher & Halal Certified.
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CLARIFIED PERSIAN LIME JUICE CONCENTRATE 450 GPL, FROZEN & UNPRESERVED



General Description

Persian Lime juice concentrate 450 GPL, clarified, frozen and unpreserved.



Composition

100% natural juice obtained from the whole persian lime fruit or Tahiti lime fruit, Citrus latifolia Tanaka.



Process

The juice is expressed, concentrated and clarified by a membrane process/cross flow filtration, by a sound industrial process in clean and sanitary premises and equipment.



Additives

The product is free from any additives.



Appearance

Clear, low viscosity liquid with a characteristic yellow color.



Packaging

Suitable clean and new open mild steel drums polyethylene lined with double polyethylene bags of 240 Kg net weight. Also available on plastic jerry cans 25, 50 or 60 Kg net weight.



Labelling

The label indicates: product designation, producer, country of origin, gross, net and tare weights, lot number, drum number and date of production.



Storage Life

The useful storage life of this product is 24 (twenty-four) months from the time of production when stored at -18 (minus eighteen degrees Celsius).



Brix

44.0° - 54.0° soluble solids content as determined by refractometer at 20°C uncorrected for acid and read as degrees Brix on the International Sucrose Scales.

BRIX CORRECTED FOR ACID: 50.0 - 60.0°



Color

MINOTA VALUE

L Value
 A Value
 B Value

DELIVERED

Minimum: 94.0 to 98.5
 Maximum: -16 to -5
 20 - 60



Flavor

Good distinctive lime flavor, free from off-flavors or staleness.



Acidity

<400 g/l

(G.P.L.) citric acid anhydrous.

32 - 34%



Apparent Density 1.210 - 1.254 g/ml.



Clarity

< 3.0 HACH N.T.U. at single strength of 7.113% w/v citric acid anhydrous.



Microorganisms

Total Viable Count (T.V.C.) maximum 60 cfu/g, Yeast and moulds: maximum 30 cfu/g, Coliforms: Absent.



Pesticide Residues

Conforms to FAO/WHO Food Standards and/or user country regulations, whichever are more stringent.



Suspended Matters

The juice is free from significant visible suspended matter or precipitation after storage for 48 hours at single strength.



Trace Metals

Conforms with FAO/WHO Standards or user country regulations, whichever are more stringent.