



## Apple Concentrate

### The Fruit

The word apple comes from the Old English word-appeal. The apple belongs to the rose family Rosaceae and is one of the most widely cultivated tree fruits. Apples have a rounded shape with a depression at the top where the stem is attached. Some apples are almost perfectly round, while others are more rounded at the top and narrower at the bottom. Apple fruits are firm and the skin is shiny and smooth. The color of the skin can be red, green, yellow, or a combination of those colors.

### General Description

Apple Juice Concentrate is prepared from clean, sound fruit which has been washed and sorted prior to processing. Prior to juice extraction, apples are mashed and then depectinized to control viscosity. The juice undergoes state of the art microfiltration assuring a product of brilliant clarity. The filtered depectinized juice is concentrated rough the latest, multi-stage, low.

**Variety :** Hybrid with Light Brown Color.

**Season :** October to January.

Name of Product	Apple Juice Concentrate		
QUALITY SPECIFICATIONS			
Brix (Corrected at 20° C)	71 ± 1	pH	3.2 – 4.5
Acidity (as malic acid)	1.0 – 2.8	Cu (mg/kg)	<5.0
Clarity (11.5 BX, 625 NM)	96%	Pb (mg/kg)	<0.2
Color (11.5 BX, 440 NM)	65 upon shipment	As (mg/kg)	0.2
Absorbent (11.5 BX, 420 NM)	0.5abs	Patulin	<50 PPM
Turbidity (NTU)	5	AW	0.88
Pectin	Negative	Pesticides Residue	Negative
Starch	Negative	Foreign Matters	None
TPC	100 CFU/ML		
MICROBIOLOGICAL ANALYSIS			
Total Plate Count (CFU/MG)	Max.350/gm		
Yeast (CFU/MG)	Nil		
Mould (CFU/MG)	Nil		

**Microbiological Status**

Apple Juice Concentrate is free from any pathogenic and spoilage bacteria. Aseptic and canned products are commercially sterile.

**Packaging**

Apple Juice Concentrate is packed in aseptic bags of 55-gallon capacity in open-top steel drums. Aseptic packaging in 20 Kgs. Bag-in-Box can also be provided with prior consent. Canned product is packed in A-10 Size (3.1 Kgs.) Can and hermetically sealed and retorted. Six Cans are packed in 5 Ply Cartons provided with separators.

Apple Juice Concentrate	Net Weight (Kgs.)	Gross Weight (Kgs.)
Aseptic pack in 55 gallon	220	231
Aseptic pack in 20 Kgs.	20	21.8

**Recommended Storage Conditions**

Apple Juice Concentrate can be stored at ambient temperature preferably below 25° C and not below 4° C. Higher temperature and sunlight should be avoided to enhance shelf life. It should be stored at cool & dry place below 20° C preferably below 15° C for extended shelf life.

**Labelling**

Product name, batch code, product code, net weight, gross weight, date of manufacturing, manufacturer's name and origin of goods.

**Shelf life**

18 Months from the date of manufacturing when stored below 15° C.

**Additives & Preservatives**

Product is free from added sugar, added colour and preservative of any class.

**Pesticide Residues**

In conformance with WHO recommendations and EC directives (testing once in a year).

**Note**

These are our basic specifications. However, the product can be made as per Buyer's specifications depending upon the final use of product and country of import.