



PRODUCT SPECIFICATION					
Sweet Cherry Juice Concentrate					
Code: ETSCHJC01	Version: 03	Last 05/2017	Revision:	Written Certifications responsible	by: Approved by: Quality Manager

Product Description

100% Sweet cherry juice concentrate, made of sound and mature Sweet cherry (*Prunus avium*), which have been pressed, depectinized, filtered, concentrated and packed.

The product development process is carried out under strict hygiene standards, complying with Good Manufacturing Practices, HACCP, and BRC systems.

Raw Material Varieties

Bing, Lapins, Sweetheart and other varieties.

Physical and Chemical Parameters

Brix	:	68.0 ± 1.0	°Brix
Acidity	:	1.4 - 3.0	% w/w Citric Acid
pH	:	3.5 - 4.3	AD
Color	:	> 2.5	Abs @ 520 nm at 20 °Brix
Ratio color	:	> 0.6	Abs@520 / Abs@430
Turbidity	:	< 80	N.T.U. at 20 °Brix
Specific Gravity	:	1.31	at 20°C
Pectin	:	Negative	% (Acidified Alcohol Test)
Insoluble Solids	:	Negative	% (Centrifugation)



Microbiological Parameters

Total Plate Count	:	< 100	cfu /gr (TPC Agar)
Yeasts and Molds	:	< 10	cfu /gr (PDA Agar)
Coliforms	:	Negative	cfu /10 gr (VRB Agar)
A.C.B.	:	Negative	cfu /10 gr (BAT Agar)

Sensory Properties

Flavor	:	Aromatic, typical sweet cherry
Color (visually)	:	Typical sweet cherry
Taste	:	Sweet. No cooked or caramelized

Packing

Open head steel drums	:	60	US gal
		303.7	Kg

Shelf life

Shelf life	:	24	Months
If stored at	:	-18 / 0	°C / °F

Lettering:

Each unit is labeled with the following information: Name of manufacturer, product name, batch number, production date, product code, net weight, gross weight.



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GMO:

This product contains no material derived from genetically modified organisms.

Allergens:

100% natural contains no allergens ingredients.

Heavy metals and Pesticides:

This product fulfills the Mrl and tolerances according to regulation of destination markets.

Health Benefits

Cherries are an excellent source of anthocyanins, potent anti-oxidants, which are in the red pigment of the fruit, combats symptoms of gout by significantly decreasing blood Uric Acid levels. Some of the compounds in cherries appear to aid in diabetes control and in reducing the complications associated with this disease, including insulin resistance syndrome, or “pre-diabetes, also referred to as metabolic syndrome. Cherries have been shown to contain compounds reported to have anti-tumour activity: *Ellagic Acid*₁, a phenolic compound, and *Perillyl Alcohol*₁, a monoterpene with powerful anti-oxidant activity. Cherries contain melatonin, another natural pain reliever which helps to regulate sleep cycles, also contain fiber, which is important for a healthy digestive system. Diets high in fiber are believed to reduce the risk of colon and rectal cancer and most other diseases involving the digestive tract.

Revision history

05/2015: Format change, version and responsables.