



**PRODUCT SPECIFICATION**  
Strawberry Juice Concentrate

Code: ETSTBJC01	Version: 03	Last 05/2017	Revision:	Written Certifications responsible.	by:	Approved by: Quality Manager
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**Product Description**

100% Strawberry juice concentrate, made of sound and mature strawberries (*Fragaria sp.*), 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**

Camarosa, Pájaro, Tudla, Seascape and other varieties.

**Physical and Chemical Parameters**

Brix	:	65.0 ± 1.0	°Brix
Acidity	:	3.5 - 9.0	% w/w Citric Acid
pH	:	3.0 - 3.8	AD
Color	:	> 8.0	Abs @ 520 nm at 8.0 °Brix
Ratio color	:	0.7 - 1.0	Abs@520 / Abs@430
Turbidity	:	< 40	N.T.U. at 8.0 °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 strawberry
Color (visually)	:	Typical strawberry
Taste	:	Sweet and slightly acid. No cooked or caramelized

**Packing**

Open head steel drums	:	60	US gal
		299.5	Kg

**Shelf life**

Retest after	:	24 months	
If stored at	:	-18 / 0	°C / °F



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**Lettering:**

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

**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**

Strawberries are famous as a rich source of phenols. These are led by the anthocyanins and the ellagitannins. Strawberries' unique phenol content makes them a heart-protective fruit, an anti-cancer fruit, and an anti-inflammatory fruit. The ellagitannin content of strawberries has actually been associated with decreased rates of cancer death. Scientific reports indicate the strawberries may lower risk of age-related macular degeneration, the primary cause of vision loss in older adults. Other reports indicate that vitamin C-rich foods, such as strawberries, provide humans with protection against inflammatory polyarthritis. In terms of traditional nutrients, strawberries emerged as an excellent source of vitamin C, manganese, dietary fiber, iodine, potassium, folate, vitamin B5, omega-3 fatty acids, vitamin B6, vitamin K and copper.

**Revision history**

05/2015: Format change, version and responsible.