



PRODUCT SPECIFICATION
Plum Juice Concentrate

Code: ETPLJC01	Version: 04	Last Revision: 02/2016	Written Certifications responsible	by:	Approved by: Quality Manager
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Product Description

100% Plum juice concentrate, made of sound and mature Plums (*Prunus domestica*), which have been pressed, depectinized, filtered, concentrated and packed.

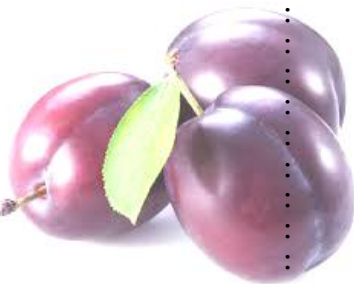
The product development process is carried out under strict hygiene standards, complying with Good Manufacturing Practices, HACCP, and BRC systems.

Raw Material Varieties

Fortune, Larry Ann, Angeleno, Blackamber and other varieties.

Physical and Chemical Parameters

Brix	: 70. ± 1.0	Refractometer
Acidity	: 5.0 - 10.5	% w/w Citric Acid
pH	: 2.8 - 3.6	AD
Color	: > 1.7	Abs @ 520 nm @ 10.5 °Brix
Ratio color	: > 1.2	Abs@520/Abs@430nm
Turbidity	: < 30	N.T.U. at 10.5 °Brix
Specific Gravity	: 1.35	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)
A.C.B.	: Negative	cfu /10 gr (BAT Agar)
Coliforms	: Negative	cfu /10 gr (VRB Agar)

Sensory Properties

Flavor	: Aromatic, typical plum
Color (visually)	: Typical Plum
Taste	: Typical Plum. No cooked or caramelized.

Packing

Open head steel drums	: 60	US gal
	: 306.7	Kg

Shelf life

Retest after:		
If stored at:	: 24	Months
	: -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

Plums have a high content of unique phytonutrients called *nechlorogenic and chlorogenic acid*, these substances are classified as *phenols*, and they are excellent antioxidants. These damage-preventing substances are effective neutralizing a particularly destructive oxygen radical called *superoxide anion radical*.

Plums are a very good source of vitamin C, which helps absorption of iron into the body and protect cholesterol from becoming oxidized by free radicals, also can be helpful for people who suffer from atherosclerosis or diabetic heart disease, as well as may stop conditions like asthma, colon cancer, osteoarthritis and rheumatoid arthritis.

Revision history

05/2015: Format change, version and responsibilities.

02/2016: Change of upper limit acidity, from 9% to 10.5%

