

Code: 0-P00413.FD.PT.13

## **Technical Data Sheet**

Scientific Name: *Malpighia punicifolia L*Origin: Amazon Rainforest , Brazil

Description: Product is obtained from organic pasteurized acerola pulp submitted to freezing and

freeze-drying according to GMP. Non-fermented product, non-alcoholic, without conservation agents. The product does not contain any ingredients that might have been derived from GMO sources. Natural source of vitamin C. No added synthetic ascorbic acid.

Ingredients: Acerola (98%) and silicon dioxide (2%)

Harvest period: September to March

Applications: Chocolates, beverages, desserts, ice creams, energetic bars and others.

Equivalence: 1 kg of acerola powder is equivalent to approximately 13.9 kg of organic acerola pulp.

Certifications: NOP-USDA, CE by IBD

## PHYSICAL AND CHEMICAL CHARACTERISTICS

Analysis	Specification
Flavor + Smell *	Typical, sour
Aspect *	Orangeish powder
Moisture (%)	Max. 4.0
Sieves (%)	Tyler 35 — Retains max. 35%
. ,	Tyler 60 — Retains max. 30%
	Tyler 100 — Retains max. 25%
Vitamin C (%)**	Min. 13
Vitamin C (%)**	Min. 10
Foreign matter	Absent

<sup>\*</sup>Natural raw materials of vegetable origin can suffer color and odor changes between different batches of product.

## MICROBIOLOGICAL CHARACTERISTICS (1)

Analysis	Specification
Standard plate count (CFU/g)	1 X 10 <sup>4</sup>
Total coliforms at 35°C (CFU/g)	< 10
Coliforms at 45°C (CFU/g)(2)	< 10
E. coli (CFU/g)	< 10
Salmonella sp (/25g)(2)	Absent
Yeast and Mould (CFU/g)	Max .25 x 10 <sup>2</sup>

- (1) The Sampling plan follows the standards of the ICMSF (International Commission on Microbiological Specifications for Foods).
- (2) According to RDC 12 of January 2nd, 2001.

## **GENERAL REFERENCES**

Analysis	Specification
Antioxidant Capacity ORACFL(mg/100g)*	Min. 28
Anthocyanins by HPLC*(ORAC <sub>FL</sub> )(μmole TE/100g)*	Min. 65,000

<sup>\*\*</sup> Check the item Shelf Life & Storage





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\*General references do not consist in specs data. Amounts represent the average results across the seasons

NUTRITIONAL INFORMATION	per serving of 100g
Calories (Kcal)	362
Carbohydrates (g)	87
Sugar (g)	33.2
Fructose (g)	18.3
Glucose (g)	14.9
Lactose (g)	< 0.15
Matolse (g)	< 0.15
Sucrose (g)	< 0.15
Dietary Fiber (g)	8.2
Protein (g)	7.6
Total fat (g)	1.7
Saturated fat (g)	0.0
Trans fat (g)	0.0
Cholesterol (g)	0.0
Sodium (g)	18.0
Vitamin A (UI)	6.265
Vitamin C (g)	13.0
Calcium (mg)	80.0
Iron (mg)	1.66

Packaging Master boxes with 1 x 10kg metalized packaged bags

Net weight: 10kg / Gross weight: 10.78kg

External dimensions: 663.2 mm x 313.2 mm x 186.4 mm

Shelf Life & Storage: With 13% of vitamin C- 12 months, if maintained in the original sealed package at room

temperature (\*20C). Keep product away from light, heat and moisture.

To prevent oxidation, packaging has light & oxygen barrier.

With 10% of vitamin C -24 months, if maintained in the original sealed package at room

temperature (\*20C). Keep product away from light, heat and moisture.

To prevent oxidation, packaging has light & oxygen barrier

Transportation: At room temperature, in clean vehicles, protected from dust, moisture and material that

can offer contaminations risk.