



PRODUCT DATA SHEET

ACEROLA
(*Malpighia emarginata*)



ORIGIN

San Andrés Ibáñez
Province – Santa Cruz



PROCESSED AT

NATUR – Santa Cruz – Bolivia

“We preserve the fruit's nutritional value, flavour, and colour by working sustainably with our supply chain”

RAW MATERIAL INFORMATION (*fruta in natura*)

NATUR makes its freeze-dried acerola powder from the concentrate of pure fruit pulp, without the addition of any product. The concentrate used is specifically developed to meet the NATUR quality standard, using a mixture of ripe pulp and green pulp (pintona), since the unripe fruit contains more vitamin C. We work together with three extract suppliers so that the content final vitamin C of the freeze-dried powder is not less than 17 %, preserving the characteristic colour and flavour of ripe acerola. If the client/user of our freeze-dried acerola powder wishes, we share the technical sheet of the concentrate, according to the supplier of the batch supplied. Simply request it from our quality sector by email.

Raw material presentation

Concentrated acerola pulp extract in 200 kg (net weight) drums, collected and transported under a cold chain in chambers operating at -18°C. We freeze-dry this extract to achieve a final vitamin C concentration of no less than 17%.



FREEZE-DRIED PRODUCT SPECIFICATIONS



ORGANOLEPTIC CHARACTERISTICS

Colour	Dark orange (Pantone 158C)
Scent	Fruit's characteristic
Taste	Acid, characteristic
Consistency	Powder

MICROBIOLOGICAL CHARACTERISTICS

Stand. Place Count	Máx. 15.000 UFC/g
Yeast and Mold	Máx. 500 UFC/g
Total coliforms	< 10 UFC/g
Salmonella	Ausente en 25 g
Escherichia coli	< 10 CFU/g
Staphylococcus aureus	< 10 CFU/g
Aflatoxin (B1)	< 2 ppb



100% Freeze-Dried Fruit



Sugar Free



Gluten Free



Hypoallergenic Product



Peanut / Tree nut Free

GENERAL CHARACTERISTICS

- Moisture less than 3%
- Shelf life = 2 years *
- 100 g of freeze-dried acerola powder equals to 1460 g of raw fruit

*When stored in its original pack (tri-laminated metalized bag) and in a fresh place avoiding direct sunlight

ANTIOXIDANTS

Parametron	Quantity	Unit
Total Polyphenols	2.900	mg EAG / 100 g
ORAC – HL	32.000	mmol ET / 100 g
ORAC – FL	600	mmol ET / 100 g
ORAC TOTAL	26.300	mmol ET / 100 g



NUTRITION FACTS FOR 100 g POWDER

Substance	Quantity	Unit	% day **
Total Fat	2,2	g	0,1
Unsaturated Fat	2,2	g	0,1
Saturated Fat	0	g	—
Trans Fat	0	g	—
Cholesterol	2	mg	—
Sodium	1.210	mg	34,6
Potassium	69	g	53
Total Carbohydrate (total sugars < 0,5g/100g)	9,9	g	33
Dietary Fiber	6,2	g	12,4
Protein	7.743	mg	1720
Vitamin C	0	mg	—
Iron	98	mg	9,8
Calcium	0	mg	—
Phosphorus	0	mg	—
Magnesium	288	kcal	—
CALORIES			

** Daily needs based on the DDR for an adult man dietary of 2000 kcal as CODEX Alimentarius FAO/OMS..

PRODUCT PRESENTATION

POWDER

We supply POWDER FREEZE DRIED ACEROLA in tri-laminated BIOPP aluminum foiled bags (vacuum packed) + carton carboxes (60 cm x 28 cm x 23 cm), each box with 10,0 kg net weight (10,9 kg gross weight).

Particle Size (P) Standard	
Range	%
725 µ > P > 425 µ	25
424 µ > P > 250 µ	50
249 µ > P > 150 µ	25
P > 150 µ	0

PRODUCT APPLICATION

Product delivered ready for human consumption, but in this bulk presentation its application is for to be fractioned or as food ingredient.

STORAGE

This product must be stored in a dry and fresh area, not to be exposed to extreme heat (T > 40 °C), cold (T < 10 °C) or direct sunlight.

PRODUCT CERTIFICATIONS



Kosher



Halal



PrimusGFS



Senasag Bolivia

Kosher Product · Halal Product · SENASAG Approved (Bolivia) · PrimusGFS / GSFI · Union for Ethical BioTrade