

Specification Sheet

PRODUCT INFORMATION

<p>Product: Organic Acerola Powder 32% Natural Vit. C</p> <p>Process: Pulping, Filtration, Concentration, Homogenization, Pasteurization & Spray Drying</p> <p>Ingredients: Organic Acerola & Calcium Hidroxide</p> <p>Origin Appearance: Yellow to Dark Yellow</p> <p>Botanical Source: <i>Malpighia glabra L.</i></p> <p>Origin: Brazil</p> <p>Colorant: Absent</p> <p>Irradiation: Free</p> <p>Application: Beverages, dietary supplements, frozen desserts, confectionery products, animal feed, and related food products</p>	<p>Code: XX35001</p> <p>Ratio: -</p> <p>Family: Malpighiaceae</p> <p>Used Part: Fruits</p> <p>Solvent: Water</p> <p>GMO: Free</p>
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ANALYSES DATA

Physical/Chemical Analyses

Assay	Limit/Specification	Test Method
Appearance	Fine Hygroscopic Power	Organoleptic
Color	Yellow to Dark Yellow	Organoleptic
Flavor/Oder	Characteristic	Organoleptic
Particle Size	Pass 90% 40 mesh	Internal
Moisture (%)	Max 5%	Internal
pH at 25°C	9.0-11.0	Internal
Solubility (in water)	Partial Soluble	Internal
Density (g/mL)	Min. 0.3	Internal
Vit. C	Min. 32%	Titration/ALI

Microbiological Analyses

Assay	Limit/Specification	Test Method
Standard Plate Count	<10,000 CFU/g	AOAC
Bacillus cereus	<100 CFU/g	AOAC
Eschericchia coli	<10 CFU/g	AOAC
Yeast/Mold	<1,000 CFU/g	AOAC
Staphylococcus aureus	<100 CFU/g	AOAC

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Salmonella sp	Absent in 25g	AOAC
Enterobacteria	<100 CFU/g	AOAC 2003.01

Heavy Metal Analyses

Assay	Limit/Specification	Test Method
Arsenic	< 0.6 ppm	ICP-MS
Lead	< 0.6 ppm	ICP-MS
Mercury	< 0.1 ppm	ICP-MS
Cadmium	< 0.4 ppm	ICP-MS
Copper	< 10 ppm	ICP-MS

REGULATORY INFORMATION DATASHEET

Allergens/Hypersensitives

Food Allergens	Present in the Product	Present in the Production Line	Present in the Factory	Possibility of Cross-Contamination
Main Food Allergens (RDC No. 727, of July 1, 2022)				
Wheat, rye, barley, oats and derivatives	No	Yes	Yes	No****
Crustaceans and derivatives	No	No	No	No
Eggs and derivatives	No	No	No	No
Fish and fish products	No	No	No	No
Peanuts and derivatives	No	No	No	No
Soybeans and derivatives	No	No	No	No
Milks of all mammalian species and derivatives	No	No	No	No
Almond (Prunus dulcis) and derivatives	No	Yes	Yes	No****
Hazelnuts (Corylus spp.) and derivatives	No	Yes	Yes	No****
Cashew nut (Anacardium occidentale) and derivatives	No	Yes	Yes	No****
Brazil nut (Bertholletia excelsa) and derivatives	No	Yes	Yes	No****

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Macadamias (Macadamia spp.) and derivatives	No	No	No	No
Walnuts (Juglans spp.) and derivatives	No	No	No	No
Pecans (Carya spp.) and derivatives	No	No	No	No
Pistachios (Pistacia spp.) and derivatives	No	Yes	Yes	No****
Pinoli (Pinus spp.) and derivatives	No	No	No	No
Chestnuts (Castanea spp.) and derivatives	No	No	No	No
Natural latex and derivatives	No	No	No	No
Other Food Allergens				
Celery and derivatives	No	Yes	Yes	No****
Lupine and derivatives	No	No	No	No
Molluscs and derivatives	No	No	No	No
Mustard and derivatives	No	No	No	No
Sesame and derivatives	No	No	No	No
Sulfites (>10 ppm)	No	Yes	Yes	No****
Coconut and derivatives	No	Yes	Yes	No****

**** The risk of cross-contamination is controlled through production scheduling, allergen segregation at all stages, and liquid cleaning validation via ATP swab and protein swab.

Statements & Certificates

Suitable for Vegetarians? (lacto-ovo)	Yes
Suitable for Vegans	Yes
ORGANIC CERTIFIED	Yes
KOSHER CERTIFIED	Yes, but available upon request
HALAL CERTIFIED	No, but available upon request w/ additional fee

GMO Status

The source materials used in the production of Acerola are not derived from genetically modified organisms. In the manufacturing of Acerola there are no processing aids (such as enzymes) which are derived from genetically modified organisms.

SHELF LIFE

36 months from manufacture if stored unopened in a dry, covered, ventilated place.

PACKAGING & SHIPPING

Product is packed in kraft or polyethylene bags, placed in boxes containing 20 or 25 kg, depending on batch density.

NUTRITIONAL INFORMATION

Serving size: 20g (2 soup spoon)

Amount per serving		% DV(*)
Energetic value (Kcal)	45.6	2.3
Carbohydrates (g)	10.6	3.9
Total Sugar (g)	7.4	-
<i>Add Sugar (g)</i>	0	0
Protein (g)	-	-
Total fat (g)	0	0
Saturated fat (g)	0	0
Trans fat (g)	0	0
Food Fiber (g)	0.22	0.8
Sodium (mg)	9.2	0.4
Calcium (mg)	1717.6	132
Iron (mg)	0	0
% Daily Reference Values based on a 2,000 kcal or 8,400 kJ diet. Your daily values may be higher or lower depending on your energy needs.		