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Specification Sheet

PRODUCT INFORMATION

Product: Acerola Dry Powder 17% Vit. C NT
Process: Pulping, Filtration, Homogenization, Pasteurization and Spray Drying
Ingredients: Acerola, Maltodextrin, Citric acid & Ascorbic acid
Origin Appearance: Yellow to Mustard
Botanical Source: *Malpighia glabra*
Origin: Brazil
Colorant: Free
Irradiation: Free
Application: Beverages, dietary supplements, frozen desserts, confectionery products, animal feed, and related food products
Note: Color may vary due to natural factors that affect the pigments in the botanical source

Code: XX80147
Ratio: 15-20:1 (fruit: powder)
Family: Malpigiaceae
Used Part: Fruit
Solvent: Water
GMO: Free

ANALYSES DATA

Physical/Chemical Analyses

Assay	Limit/Specification	Test Method
Appearance	Fine Hygroscopic Power	IT-17
Color	Yellow to Mustard	IT-17
Flavor/Oder	Characteristic	IT-17
Particle Size	Pass 90% 60 mesh	Visual
Moisture (%)	Max 6%	IT-16
pH at 25°C	5.0-7.0	IT-12
Solubility	Water	Visual
Density (g/mL)	.350-.550	IT-14
Vit. C	Min 17%	IT-20

Microbiological Analyses

Assay	Limit/Specification	Test Method
Standard Plate Count	<3,000 CFU/g	AOAC 990.12
Coliforms	<100 CFU/g	AFNOR 3M 01/2-09/89C
Eschericchia coli	Absent	AOAC 991.14
Yeast/Mold	<100 CFU/g	AOAC 997.02

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Staphylococcus aureus	Absent	AOAC 2003.11
Salmonella sp	Absent in 25g	AOAC 2014.01
Enterobacteria	Absent	AOAC 2003.01

Heavy Metal Analyses

Assay	Limit/Specification	Test Method
Arsenic	< 1 ppm	MTFQ-003
Lead	< 1 ppm	MTFQ-003
Mercury	< 1 ppm	MTFQ-085
Cadmium	< 1 ppm	MTFQ-003

REGULATORY INFORMATION DATASHEET

Allergens/Hypersensitives

Cereals containing gluten	Wheat and products thereof (1,2,3,4)*	Not contain
	Rye and products thereof (1,3,4)*	Not contain
	Barley and products thereof (1,3,4)*	Not contain
	Oatmeal and products thereof (1,3,4)*	Not contain
	Hybridized strains (1,3,4)*	Not contain
Crustaceans and products thereof (1,2,3,4)*		Not contain
Egg and products thereof (1,2,3,4)*		Not contain
Fish and products thereof (1,2,3,4)*		Not contain
Peanut and products thereof (1,2,3,4)*		Not contain
Soybeans and products thereof (1,2,3,4)*		Not contain
Milk and products thereof including Lactose (1,2,3,4)*		Not contain
Chestnuts, Walnuts, Almonds and products thereof	Chestnut (Castanea spp) (1,2,4)*	Not contain
	Chiquapin (Castanea pumila) (2)*	Not contain
	Almond (Pruns dulcis,sin.) (1,2)* (Prunus amygdalus) (1)* (Amygdalus aommunis L.) (1,3)*	Not contain
	Hazelnut (Corylus spp.) (1,2)* (Amygdalus communis L.) (3)*	Not contain
	Cashew nut (Anacardium coccidentale (1,2,3)*	Not contain
	Brazil nut (Bertholletia excelsa) (1,2,3)*	Not contain
	Macadamia (Macadamia spp.) (1,2)* (Macadamia ternifolia) (3)*	Not contain

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Walnut (<i>Juglans</i> spp.) (1,2)* (<i>Juglans regia</i>) (3)*	Not contain
White nut (<i>Juglans cinerea</i>) (2)*	Not contain
Pecan (<i>Carya</i> spp.) (1,2)*	Not contain
Peacan nut (<i>Carya illinoensis</i>) (2,3)*	Not contain
Pistachio (<i>Pistacia</i> spp.) (1)* (<i>Pistacia vera</i> L.) (2,3)*	Not contain
Pine nut (<i>Pinus</i> spp.) (1,2)*	Not contain
Coconut (<i>Cocos nucifera</i> L.)	Not contain
Lichee nut (<i>Litchi chinensis</i> Sonn) (2)*	Not contain
Shea nut (<i>Vitellaria paradoxa</i> C.F.) (2)*	Not contain
Beech nut (<i>Fagus</i> spp.) (2)*	Not contain
Pili nut (<i>Canarium ovatum</i> Engl. In A. DC. (2)*	Not contain
Ginko nut (<i>Ginkgo biloba</i> L.) (2)*	Not contain
Natural latex (1)*	Not contain
Celery and products thereof (3)*	Not contain
Mustard and products thereof (3)*	Not contain
Sesame and products thereof (2,3)*	Not contain
Sulfur dioxide (3)* and sulfites (2,3,4)* ≥ 10 ppm (mg/Kg or mg/L)	Not contain
Lupin and products thereof (3)*	Not contain
Mollusk and products thereof (3)*	Not contain
Reference: (1)* RDC n° 727, de 01/07/2022, (2)* FDA, (3)* Regulamento (EU) n° 1169/2011, de 25/10/2011, (4)* Codex Alimentarius	

Statements & Certificates

Suitable for Vegetarians? (lacto-ovo)	Yes
Suitable for Vegans	Yes
KOSHER CERTIFIED	Yes, but available upon request
HALAL CERTIFIED	No, but available upon request w/ additional fee
TARIFF# FOR Import/Export (HTS#)	0813.40.2060

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

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

PACKAGING & SHIPPING

The product is packed in polyethylene bags as primary packaging and placed in barrels or multi-layer paper sacks for secondary packaging with a net weight of 25 kg. Loads are palletized and secured with stretch film. Store the product in a dry, well-ventilated, covered area, away from items with strong odors. Each pallet and shipment must be clearly labeled and accompanied by a certificate of analysis showing lot number, manufacture date, shelf life, and test results.

NUTRITIONAL INFORMATION

Serving size: 20g (2 soup spoon)

Amount per serving		% DV(*)
Energetic value (Kcal)	77	4
Carbohydrates (g)	18.6	6
Total Sugar (g)	2.4	-
<i>Add Sugar (g)</i>	0.5	1
Protein (g)	0.2	0.5
Total fat (g)	0	0
Saturated fat (g)	0	0
Trans fat (g)	0	0
Food Fiber (g)	0.9	4
Sodium (mg)	9.7	0.5
% 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.		