Kosher
Non-irradiated
Not genetically modified

Product Specifications

Black Currant Juice Powder

(*Ribes nigrum*)

ARTEMIS INTERNATIONAL
Specialists in Berryceuticals™

Product Code: B0140007

Product Description: Pure European black currant (*Ribes nigrum*) juice concentrate; spray-dried with maltodextrin as an excipient

Product Properties

Color	Wine-red
Appearance	Powder, uniform particles, hygroscopic
Taste	Characteristic of black currant
Odor	Characteristic of black currant
Mesh size	> 98% through 60 mesh (< 250 µm)
Excipient	Maltodextrin (Not genetically modified, corn-based)
Solubility	Soluble in water and water/alcohol mixtures
Fruit equivalence	5:1
Identity	HPLC anthocyanin profile unique to black currant
Plant part used	Berries (fruit)

Analytical Values		**Spec.**
Anthocyanins (*Expr. as delphinidin-3-rutinoside; pH-Diff.*)	0.25 – 0.65	g/100 g
Polyphenols (Expr. as catechin; Folin-Ciocalteu)	0.65 – 1.85	g/100 g
Moisture (*Loss on drying; 105° C; 30 sec.*)	2.0 – 8.0	%
Total acidity (*Expr. as citric acid; anhydr.; pH 8.1*)	5.20 – 9.60	g/100 g

Heavy Metals and Pesticides		**Spec.**
Lead (*ICP-MS*)	< 1.0	ppm
Arsenic (*ICP-MS*)	< 0.5	ppm
Cadmium (*ICP-MS*)	< 0.3	ppm
Mercury (*ICP-MS*)	< 0.05	ppm
Pesticides	The processed fruit conforms to the pesticide standards defined in the EC Regulations n. 396/2005 and following amendments.	

Microbiological Values		**Spec.**
Yeast *(Sabouraud Agar, 28°C, 5 d)*	< 20	CFU/g
Molds *(Sabouraud Agar, 28°C, 5 d)*	< 20	CFU/g
Total plate count *(ISO 4833)*	< 3,000	CFU/g
E. coli (COLI ID Agar, 37°C, 24 h)	0	CFU/g
Salmonella (ISO 6579)	Absent	/25 g

Country of Origin: Italy (manufacturing), Europe (raw materials)
Packaging: Packed in an aluminum bag in a corrugated box or plastic pail, 10 kg net
Storage: The product must be stored in a dark, cool, and dry area. Keep the package well-sealed since the product is hygroscopic. Color may change at the end of shelf life.
Best Used By: 36 months after production date under proper storage conditions

Haley Knoke
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Quality Control

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