



Product Specifications
Lingonberry Juice Powder
(Vaccinium vitis-idaea)

Product Code: 70260011

Product Description: Pure lingonberry (*Vaccinium vitis-idaea*) juice concentrate; spray-dried with maltodextrin as an excipient

Product Properties

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

Analytical Values

Spec.

Color (<i>E</i> 100%; 520 nm; pH 1.0)	40 – 100	
Moisture (<i>Loss on drying</i> ; 105° C; 30 sec.)	2.0 – 8.0	%
Total acidity (<i>Expr. as citric acid</i> ; anhydr.; pH 8.1)	5.20 – 8.80	g/100 g

Heavy Metals and Pesticides

Spec.

Lead (<i>ICP-MS</i>)	< 1.0	ppm
Arsenic (<i>ICP-MS</i>)	< 0.5	ppm
Cadmium (<i>ICP-MS</i>)	< 0.3	ppm
Mercury (<i>ICP-MS</i>)	< 0.05	ppm
Pesticides	The processed fruit conforms to the pesticide standards defined in the FDA and EPA regulations.	

Microbiological Values:

Spec.

Yeast (<i>Sabouraud Agar</i> , 28°C, 5 d)	< 20	CFU/g
Molds (<i>Sabouraud Agar</i> , 28°C, 5 d)	< 20	CFU/g
Total plate count (<i>ISO 4833</i>)	< 10,000	CFU/g
<i>E. coli</i> (<i>COLI ID Agar</i> , 37°C, 24 h)	0	CFU/g
<i>Salmonella</i> (<i>ISO 6579</i>)	Absent	/25 g

Country of Origin: Italy (manufacturing), Europe (raw material)

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

Melanie Bush

Quality Control

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.