



Product Specifications

Sweet Cherry Juice Powder (*Prunus avium*)

Product Code: 70320010

Product Description: Pure sweet cherry (*Prunus avium*) juice concentrate; spray-dried with maltodextrin as an excipient

Product Properties

Color	Reddish
Appearance	Powder, uniform particles, hygroscopic
Taste	Characteristic of sweet cherry
Odor	Characteristic of sweet cherry
Excipient	Maltodextrin (not genetically engineered, corn-based)
Mesh size	> 98% through 60 mesh (< 250 µm)
Solubility	Soluble in water and water/alcohol mixtures
Fruit equivalence	3:1
Identity	HPLC anthocyanin profile unique to sweet cherry
Plant part used	Berries (fruit)

Analytical Values

		Spec.
Color units (<i>E</i> 100%; 520 nm; pH 1.0)	70 – 180	
Moisture (<i>Loss on drying</i> ; 105° C; 30 sec.)	0.0 – 8.0	%
Total acidity (<i>Expr. as citric acid</i> ; anhydr.; pH 8.1)	0.40 – 1.60	g/100 g

Heavy Metals and Pesticides

		Spec.
Lead (<i>ICP-MS</i>)	< 0.09	ppm
Arsenic (<i>ICP-MS</i>)	< 0.12	ppm
Cadmium (<i>ICP-MS</i>)	< 0.06	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>)	< 3,000	CFU/g
<i>E. coli</i> (<i>COLI ID Agar</i> , 37°C, 24 h)	0	CFU/g
<i>Salmonella spp.</i> (<i>ISO 6579</i>)	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

Quality Assurance

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.

Customer Approval

I acknowledge and agree to the above specifications. Any parameters outside of these would not fall within the scope of the product specifications. Please return this specification sheet signed for approval otherwise we consider it accepted.

Name (print):

Signature:

Title:

Date:
