



Product Specification

Cherry Fruit Extract (*Prunus avium*)



Product Code: 24324000

Product Description: Pure sweet cherry (*Prunus avium*) fruit, spray-dried with maltodextrin as an excipient

Product Properties

Color	Pink
Appearance	Powder, uniform particles, hygroscopic
Taste	Characteristic of sweet cherry
Odor	Characteristic of sweet cherry
Mesh size	> 98% through 20 mesh (850 µm) > 70% through 40 mesh (425 µm)
Excipient	Maltodextrin
Extract ratio	9-11:1
Identity	HPLC anthocyanin profile unique to sweet cherry
Plant part used	Berries

Analytical Values

Spec.

Moisture (<i>Loss on drying</i>)	< 8.0	%
Anthocyanins (<i>Expr. as cyanidin-3-glucoside; pH-Diff</i>)	As reported	%
Polyphenols (<i>Expr. as gallic acid; Folin-Ciocalteu</i>)	≥ 0.4	%
Bulk Density	Target: ≥ 0.60	g/ml
Tapped Density	Target: ≥ 0.70	g/ml

Heavy Metals and Pesticides

Spec.

Lead (<i>A.A.</i>)	≤ 1.0	ppm
Arsenic (<i>A.A.</i>)	≤ 3.27	ppm
Cadmium (<i>A.A.</i>)	≤ 1.34	ppm
Mercury (<i>A.A.</i>)	≤ 0.10	ppm
Pesticides	Meets USP <561>	

Microbiological Values

Spec.

Yeast and Mold	< 1,000	CFU/g
Total Plate Count	< 10,000	CFU/g
Total Coliforms	< 100	CFU/g
<i>E. coli</i>	Absent	/10 g
<i>Salmonella</i>	Absent	/10 g
<i>Staph. aureus</i>	Absent	/10 g

Country of Origin: China (manufacturing), Turkey (raw materials)

Packaging: Packed in an aluminum bag in a corrugated box, 20 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: 24 months after production date under proper storage conditions

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.