



Product Specifications

Standardized Black Currant Powder, 20% (HPLC) (*Ribes nigrum*)



Product Code: 24140200

Product Description: Pure black currant (*Ribes nigrum*) extract; processed with ethanol as an extract solvent and spray-dried with maltodextrin as an excipient; standardized to a minimum anthocyanin content of 20% via HPLC

Product Properties

Color	Dark purple
Appearance	Powder, uniform particles, hygroscopic
Taste	Characteristic of black currant; astringent
Odor	Characteristic of black currant; astringent
Mesh size	≥ 97% through 80 mesh
Excipient	Maltodextrin
Extract ratio	40-50:1
Identity	HPLC anthocyanin profile unique to black currant
Plant part used	Berries (whole fruit)

Analytical Values

		Spec.
Anthocyanins (<i>Expr. as Delphinidin-3-rutinoside chloride; HPLC</i>)	≥ 20.0	%
Moisture	≤ 5	%

Heavy Metals

		Spec.
Lead	< 3	ppm
Cadmium	< 2	ppm
Mercury	< 0.1	ppm
Arsenic	< 1	ppm

Microbiological Values

		Spec.
Yeast	≤ 50	CFU/g
Molds	≤ 50	CFU/g
Total plate count	≤ 1,000	CFU/g
<i>E. coli</i>	Absent	/ g
<i>Salmonella</i>	Absent	/10 g

Country of Origin: New Zealand (raw material); China (manufacturing)

Packaging: Packed in aluminum bag in corrugated box of 5 or 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: 36 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.