



# Product Specifications

## Standardized Black Currant Powder, 30% (*Ribes nigrum*)



**Product Code:** 24140500

**Product Description:** Pure black currant (*Ribes nigrum*) extract; processed with ethanol as an extract solvent and spray-dried; standardized to a minimum anthocyanin content of 30%

**Product Properties**

Color	Dark purple
Appearance	Powder, uniform particles, hygroscopic
Taste	Characteristic of black currant; astringent
Odor	Characteristic of black currant; astringent
Mesh size	≥ 95% through 100 mesh (≤ 149 μm)
Excipient	None
Extract ratio	60-80:1
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> )	≥ 30.0	g/100 g
Moisture	≤ 5	%
pH	3.0 – 3.5	

**Heavy Metals**

**Spec.**

Lead	< 3	ppm
Cadmium	< 2	ppm
Mercury	< 0.5	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:** China (manufacturing), New Zealand (raw materials)

**Packaging:** Packed in aluminum bag in corrugate 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

*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.