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## PRODUCT BULLETIN

### Standardized Black Currant Powder, 30%

**Product code: 24140300**

**Date: March 2007**

**Product Information:** Pure New Zealand black currants, *Ribes nigrum*. Standardized to a minimum of 30 g/100 g anthocyanin extracted by ethanol.

#### **Physical Values:**

Color	intensely dark red-purple
Appearance	powder, uniform particles, hygroscopic
Taste	Fruity, acidic, typical of black currant
Mesh size	40 mesh
Extract Ratio	Approx. 180:1
Solubility	soluble in water and water/alcohol mixtures
Moisture	≤ 6%

#### **Chemical Values:**

Anthocyanin, expr. as cyanidin-3-glucoside (HPLC)	≥ 30.0 g/100 g
Anthocyanin, expr. as cyanidin-3-glucoside (pH-Diff.)	≥ 30.0 g/100 g
Polyphenols, expr. as GAE (Folin-Ciocalteu)	≥ 40.0 g/100 g

#### **Microbiological Values:**

Yeast	≤ 100	CFU/g
Mold	≤ 100	CFU/g
Total Plate Count	≤ 1,000	CFU/g
<i>E. coli</i>	Absent	CFU/g

**Packaging:** Packed in PE bags inside of 10 kg Bag in a Box

**Storage:** Keep the product well sealed and store in a cool, dry area. Moisture absorption may cause changes in chemical values.

**Best Used By:** 24 months after production

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 this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.