



ARTEMIS  
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## PRODUCT BULLETIN

# Standardized Chokeberry Powder, 20%

**Product code: 24190200**

**Date: July 2005**

**Product Information:** Pure chokeberry, *Aronia melanocarpa*, extracted with alcohol and spray dried. Standardized to a minimum of 20 g/100 g anthocyanin.

### **Physical Values:**

Color	intensely dark red - russet
Appearance	powder, uniform particles, hygroscopic
Taste	nearly neutral, acidic
Excipient	none
Mesh size	max. 210 micron (70 mesh) - min. 98%
Solubility	soluble in water and water/alcohol mixtures
Moisture	≤ 10%

### **Chemical Values:**

Anthocyanin, expr. as cyanidin-3-glucoside ( <i>pH-Diff.</i> )	≥ 20.0	g/100 g
Polyphenols, expr. as catechin ( <i>Folin-Ciocalteu</i> )	≥ 45	g CE/100 g

### **Microbiological Values:**

Yeast	≤ 100	CFU/g
Mold	≤ 100	CFU/g
Total Plate Count	≤ 10,000	CFU/g
<i>E. coli</i>	Negative	CFU/g
<i>Staphylococcus aureus</i>	Negative	CFU/g
Bacilli <i>Salmonella</i>	Negative	CFU/10g

**Packaging:** Packed in PE bags inside of 5 kg Fiber Drum

**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 suggest that you evaluate the product on a laboratory scale prior to use in a finished product.