



ARTEMIS
INTERNATIONAL, INC.
From Field To Function™

PRODUCT BULLETIN

Standardized Chokeberry Powder, 15%

Product code: 24190100

Date: July 2005

Product Information: Pure chokeberry, *Aronia melanocarpa*, extracted with alcohol and spray dried. Standardized to a minimum of 15 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>)	≥ 15.0	g/100 g
Polyphenols, expr. as catechin (<i>Folin-Ciocalteu</i>)	≥ 40	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 Drums or 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: 36 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.