



Product Specifications
 Standardized Aroniaberry (Chokeberry)
 Powder, 15%
 (*Aronia melanocarpa*)

Product Code: 24198000

Product Description: Pure aroniaberry (*Aronia melanocarpa*) extract; processed with water and ethanol as an extract solvent and spray-dried; standardized to a minimum anthocyanin content of 15%

Product Properties

Color	Violet/dark violet
Appearance	Powder, uniform particles, hygroscopic
Taste	Characteristic of aroniaberry; astringent
Odor	Characteristic of aroniaberry
Mesh size (<i>Sieve analysis; 10 min.</i>)	> 98% through 80 mesh (180 µm)
Excipient	None
Extract ratio	50-85:1
Identity	Anthocyanin fingerprint comparable to standard
Plant part used	Berries (whole fruit)

Spec.

Analytical Values

Anthocyanins (<i>Expr. as total anthocyanins; pH-Diff</i>)	≥ 15.0	g/100 g
Polyphenols (<i>Folin; expr. as gallic acid</i>)	≥ 40.0	g/100 g
Moisture (<i>Loss on drying; 1 g; 110° C; 3 hrs.</i>)	≤ 5.0	%
Acidity	7.2 – 13.8	%
pH (<i>1:5</i>)	3.0 – 4.0	
Ethanol residue	≤ 5,000	ppm

Spec.

Heavy Metals

Lead (<i>A.A.</i>)	≤ 1.0	ppm
Arsenic (<i>A.A.</i>)	≤ 1.0	ppm
Cadmium (<i>A.A.</i>)	≤ 0.3	ppm
Mercury (<i>A.A.</i>)	≤ 0.1	ppm

Spec.

Microbiological Values

Yeast and molds	< 100	CFU/g
Total plate count	< 1,000	CFU/g
Coliforms / <i>E. coli</i>	Absent	/g
<i>Salmonella</i>	Absent	/25 g
<i>Staphylococcus aureus</i>	Absent	/g

Country of Origin: China (manufacturing), Poland/Ukraine (raw materials)

Packaging: Packed in aluminum bag in corrugated box of 5 or 20 kg net

Storage: The product must be stored in a dark, cool (10 – 30° C), 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.