



**Product Specifications**  
 Standardized Bilberry Powder, 25%  
 (*Vaccinium myrtillus*)

**Product Code:** 70100100

**Product Description:** Pure bilberry (*Vaccinium myrtillus*) extract; spray-dried and standardized to a minimum anthocyanin content of 25%

**Product Properties**

Color	Dark red-violet
Appearance	Powder; hygroscopic
Taste	Characteristic of bilberry; astringent
Odor	Characteristic of bilberry
Mesh size	≥ 95% through 100 mesh
Excipient	None
Extract ratio	55-70:1
Extract solvent	Ethanol
Identity	HPLC anthocyanin profile unique to bilberry
Plant part used	Berries (whole fruit)

**Analytical Values**

**Spec.**

Anthocyanins ( <i>Expr. as cyanidin-3-glucoside; HPLC</i> )	≥ 25.0	g/100 g
Moisture	≤ 4.5	%
Residual solvent ( <i>Ethanol</i> )	≤ 5,000	ppm

**Heavy Metals**

**Spec.**

Cadmium	≤ 0.2	ppm
Lead	≤ 0.5	ppm
Arsenic	≤ 1.0	ppm
Mercury	≤ 0.1	ppm

**Microbiological Values**

**Spec.**

Yeasts and mold	≤ 100	CFU/g
Total plate count	≤ 10,000	CFU/g
<i>E. coli</i>	Absent	/g
<i>Salmonella</i>	Absent	/25 g

**Country of Origin:** China (manufacturing); Sweden/Finland/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, 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 Assurance

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.

## Customer Approval

*I acknowledge and agree to the above specifications. Any parameters outside of these would not fall within the scope of the product specifications. Please return this specification sheet signed for approval otherwise we consider it accepted.*

Name (print):

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Signature:

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Title:

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Date:

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