

Product Specifications

WHOLECran™
Whole Cranberry Powder
(*Vaccinium macrocarpon*)

WHOLECran™

Product Code: 56269000

Product Description: Pure cranberry (*Vaccinium macrocarpon*) whole fruit with juice; air dried, milled to a powder, and standardized to a minimum proanthocyanidin content of NLT 4% via DMAC.

Product Properties

Color	Red-pink
Appearance	Powder; uniform particles
Taste	Characteristic of cranberry
Odor	Characteristic of cranberry
Excipient	None
Mesh size (<i>Micron Air Jet Sieve</i>)	≥ 90% through 60 mesh
Identity	HPLC/NMR
Plant part used	Berries (whole fruit)

Analytical Values

		Spec.
Moisture (<i>Micron Air Jet Sieve</i>)	< 5	%
Proanthocyanidins (<i>Expr. as soluble PAC (DMAC) C-PAC equivalence</i>)	≥ 4	%
Water activity (<i>Aw meter</i>)	< 0.4	
Bulk density (<i>USP <616></i>)	As reported	g/ml
Tapped density (<i>USP <616></i>)	As reported	g/ml

Heavy Metals and Pesticides

		Spec.
Lead (<i>ICP-MS</i>)	≤ 3.0	ppm
Arsenic (<i>ICP-MS</i>)	≤ 2.0	ppm
Cadmium (<i>ICP-MS</i>)	≤ 1.0	ppm
Mercury (<i>ICP-MS</i>)	≤ 0.1	ppm
Pesticides	The processed fruit conforms to EPA/FDA pesticide tolerances	

Microbiological Values

		Spec.
Total Aerobic Plate Count (<i>MFHPM-18</i>)	≤ 5,000	CFU/g
Yeast (<i>MFHPB-22</i>)	≤ 1,000	CFU/g
Mold (<i>MFHPB-22</i>)	≤ 1,000	CFU/g
Coliform (<i>MFHPB-34</i>)	< 10	CFU/g
<i>E.coli</i> (<i>MFHPB-34</i>)	< 10	CFU/g
<i>Salmonella</i> (<i>MFLP-49</i>)	Negative	CFU/25 g
<i>S. aureus</i> (<i>MFHPB-21</i>)	< 10	CFU/g

Country of Origin: Canada (raw material and manufacturing)

Packaging: Packed in a polyethylene bag inside a corrugated box, 15 kg net weight.

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: 24 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):

Signature:

Title:

Date:
