



Product Specifications

BERRYActiv5®



Product Code: 94263001

Product Description: Blend of cranberry (*Vaccinium macrocarpon*), wild blueberry (*Vaccinium angustifolium*), tart cherry (*Prunus cerasus*), aroniaberry (*Aronia melanocarpa*), and elderberry (*Sambucus nigra*), fruit juice powders and standardized extracts formulated from 5 of the most well-known and researched phytonutrient-rich berries in the world developed for product improvement applications of food and beverages.

Product Properties

Color	Purple-pink
Appearance	Powder, uniform particles, hygroscopic
Taste	Characteristic of fruit; astringent
Odor	Characteristic of fruit
Solubility	Soluble in water and water/alcohol mixtures
Plant part used	Berries (juice)

Analytical Values

		Spec.
Polyphenols (<i>Expr. as gallic acid; Folin-Ciocalteu</i>)	Target ≥ 2	g/100 g
Moisture (<i>Loss on drying; 105° C; 30 sec.</i>)	2.0 – 8.0	%
pH (<i>Diluted 1:5 in DI water</i>)	As reported	
Total acidity (<i>Expr. as citric acid; anhydr.; pH 8.1</i>)	As reported	g/100 g

Heavy Metals and Pesticides

		Spec.
Lead (<i>ICP-MS</i>)	< 1.0	ppm
Arsenic (<i>ICP-MS</i>)	< 0.5	ppm
Cadmium (<i>ICP-MS</i>)	< 0.3	ppm
Mercury (<i>ICP-MS</i>)	< 0.05	ppm

Microbiological Values

		Spec.
Yeast and Mold (<i>AOAC 997.02</i>)	< 500	CFU/g
Total plate count (<i>AOAC 990.12</i>)	< 10,000	CFU/g
<i>E. coli</i> (<i>USP <2022></i>)	Absent	/10 g
<i>Salmonella</i> (<i>USP <2022></i>)	Absent	/10 g

Country of Origin: United States

Packaging: Packed in a corrugated box, 10 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: 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.