

Product Specifications

ACE Max Blend

Product Code: 94553101

Product Description: Blend of acerola cherry (*Malpighia emarginata*), elderberry (*Sambucus nigra*), aroniaberry (*Aronia melanocarpa*), and tart cherry (*Prunus cerasus*) standardized extracts; formulated to deliver potent levels of polyphenols in a high antioxidant berry blend for food, beverage, and supplement applications

Product Properties

Color	Dark purple
Appearance	Powder, uniform particles; hygroscopic
Taste	Characteristic of fruit; astringent
Odor	Characteristic of fruit
Mesh Size	≥ 98% through 60 mesh
Solubility	Soluble in water and water/alcohol mixtures
Identity	FTIR
Plant part used	Berries (whole fruit)

Analytical Values

		Spec.
Anthocyanins	As Reported	g/100g
Polyphenols	As Reported	g/100g
Vitamin C	As Reported	%
Bulk Density (<i>USP <616></i>)	0.3-0.5	g/mL
Tapped Density (<i>USP <616></i>)	0.4-0.7	g/mL
Moisture (<i>Loss on drying</i>)	≤ 8	%

Microbiological Values

		Spec.
Total Aerobic Plate Count (<i>AOAC 990.12</i>)	< 10,000	CFU/g
Yeast and Mold (<i>AOAC 2014.05</i>)	< 1,000	CFU/g
Total Coliforms (<i>AOAC 991.14</i>)	< 100	CFU/g
<i>E.coli</i> (<i>AOAC 2003.01</i>)	Negative	/g
<i>S.aureus</i> (<i>AOAC 2003.07</i>)	Negative	/g

Country of Origin: United States (manufacturing); Poland, Ukraine, and Brazil (raw materials)

Packaging: Poly bag in a corrugated box, 10kg net weight

Storage: The product must be stored in a cool (≤ 68°F/20°C) and dry area. Keep the package well-sealed since the product is hygroscopic. Moisture absorption may cause changes in chemical values.

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:
