



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

ELDERBERRY POWDER

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
ELDTFP	3040	84603-58-7	January 4, 2011	SW	Original	CDS

CHARACTERISTICS:	Elderberry powder is obtained by spraydrying juice of Elderberry (<i>Sambucus Nigra L.</i>), from the Adoxaceae family.	
	Appearance	Purple powder
	Taste	Slightly sweet
	Elderberry fruit solids	Greater than or equal to 50%
	Carrier	Maltodextrin

SPECIFICATIONS:	Total polyphenols (European Pharmacopeia)	Greater than 0.3%
	Total polyphenols (OD 280)	Greater than 1.0%
	Anthocyanins (Differential pH assay)	Greater than 0.1%
	Anthocyanins (Colometric assay)	Greater than 0.2%
	Loss on drying	Less than 6%
	Ash	Less than 10%
	pH at 1%	2 to 5
	Solubility at 1%	Greater than 95%
	Tapped density	0.5 to 0.8 g/cm ³
	Particle size	95% less than 200µm

PACKAGING:	25 kg bag in cardboard box
-------------------	----------------------------

APPLICATIONS:	Capsules and tablets for nutritional applications.
----------------------	--

SHELF LIFE AND STORAGE INSTRUCTIONS:	Hygroscopic powder, store in a dry place. Best before: 24 months from date of manufacture
---	--