



# American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: [www.aicma.com](http://www.aicma.com) Email: [info@aicma.com](mailto:info@aicma.com)

## SPECIFICATION SHEET

### BLACKCURRANT JUICE POWDER Exocyan CAS

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
BLCTFP	3040	68606-81-5	January 4, 2011	SW	Original	CDS

CHARACTERISTICS:	EXOCYAN® CAS is a spraydried powder of Blackcurrant juice ( <i>Ribes nigrum</i> ), from the Grossulariaceae family.
Appearance	Dark pink to light purple powder
Taste	Tart
Extract ratio	4/1
Carrier	Maltodextrin

SPECIFICATIONS:	Total polyphenols (European Pharmacopeia)	Greater than 1.0%
	Total polyphenols (OD 280 nm)	Greater than 3.0%
	Anthocyanins (Differential pH assay)	Greater than 0.15%
	Loss on drying	Less than 6%
	Ash	Less than 6%
	pH at 1%	2 to 5
	Solubility at 1%	Greater than 95%
	Tapped density	0.5 to 0.8 g/cm <sup>3</sup>
	Particle size	95% less than 200µm

PACKAGING:	25 kg bag in cardboard box
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APPLICATIONS:	Capsules and tablets for nutritional applications.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Hygroscopic powder, store in a dry place. Best before: 24 months from date of manufacture
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