



American International Chemical, Inc.

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SPECIFICATION SHEET

HIBISCUS EXTRACT

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
HIBTFP	3040	84775-96-2	January 4, 2011	SW	Original	CDS

CHARACTERISTICS:	Spray dried extract of hibiscus flowers (<i>Hibiscus Sabdariffa</i>), from the Malvaceae family. Water extraction. Origin of raw material: Egypt.	
	Appearance	Pink to purple powder
	Taste	Characteristic
	Smell	Neutral
	Extract ratio	4:1
	Carrier	Maltodextrin

SPECIFICATIONS:	Total polyphenols (European Pharmacopeia)	Greater than 3%
	Total polyphenols (OD 280 nm)	Greater than 10%
	Loss on drying	Less than 8%
	Ash	Less than 10%
	pH at 1%	2 to 6
	Solubility at 1%	Greater than 95%
	Tapped density	0.4 to 0.8 g/cm ³
	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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