



American International Chemical, Inc.

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SPECIFICATION SHEET

POMEGRANATE FRUIT EXTRACT, 25% POLYPHENOLS, ORGANIC

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
PGR25P	3040	84961-57-9	January 4, 2011	SW	Original	cds

CHARACTERISTICS:	The fruit of pomegranate (<i>Punica granatum</i>), rich in phenolic acids, tannins and anthocyanins, is used as an anti oxidant, inhibiting the oxidation of LDL. The product is extracted without solvents other than water, and yields a soluble, slightly hygroscopic powder. Certifying body: Ecocert France, license No. 163034 T	
	Appearance	Beige to brown powder
	Taste	Slightly bitter
	Extract Ratio	5:1
	Carrier	Maltodextrin organic

SPECIFICATIONS:	Total polyphenols (OD 280nm)	Greater than 25%
	Total ellagitanins (OD 255nm)	Greater than 1%
	Loss on drying	Less than 6%
	Ash	Less than 10%
	pH at 1%	3 to 7
	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
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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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