



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### GRAPEFRUIT SEED EXTRACT

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
GFSTFP	3040	90045-43-5	January 4, 2011	SW	Original	CDS

<b>CHARACTERISTICS:</b>	Spray-dried extract of grapefruit seeds ( <i>Citrus Grandis L.</i> ), water/ethanol process, followed by a filtration. No carrier is added. Polyphenols and flavonoids present are under the form of active monomers and oligomers.	
	Appearance	Off white to light brown powder
	Taste	Bitter
	Extract Ratio	10:1

<b>SPECIFICATIONS:</b>	Polyphenols content	Greater than 12%
	Flavenoids	Greater than 0.5%
	Loss on drying	Less than 6%
	Ash	Less than 10%
	pH at 1%	4 to 7
	Solubility at 1%	Greater than 90%
	Tapped density	0.5 to 0.8 g/cm <sup>3</sup>
	Particle size	95% less than 200µm

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