



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### FLAX SEED EXTRACT Linugin® 20

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
FLXTFP	3040	8001-26-1	January 5, 2011	SW	Original	CDS

<b>CHARACTERISTICS:</b>	Lignans are non-steroid compounds, endowed with estrogeno-mimetic activities, that is to say they are able to bind themselves to estrogenic receptors. Flax seeds are naturally rich in lignans, particularly in secoisolariciresinol diglucoside (SDG). Linugin® is a flax seed water/ethanol extract spray dried to powder.	
	Appearance	Pale brown powder
	Taste	Characteristic
	Extract Ratio	40:1

<b>SPECIFICATIONS:</b>	Ligans content	18% to 22%
	SDG content	12% to 16%
	Loss on drying	Less than 6%
	Ash	Less than 10%
	pH at 1%	6 to 9
	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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