



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### BLUEBERRY EXTRACT

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
BLUTFP	3040	-	October 4, 2011	SW	No. 1	CDS

<b>CHARACTERISTICS:</b>	Blueberry extract is a dried water extract of blueberries whole fruit ( <i>Vaccinium Angustifolium</i> ). Blueberries are small dark blue berries found in the North West of USA and Quebec. Blueberries are rich in polyphenols, anthocyanins and proanthocyanidins.	
	Appearance	Purple powder
	Taste	Slightly sweet
	Extract ratio	15:1
	Carrier	Maltodextrin

<b>SPECIFICATIONS:</b>	Proanthocyanidins	Greater than 10%
	ORAC value	2230 $\mu\text{mol TE/g}$
	Loss on drying	Less than 6%
	Ash	Less than 6%
	pH at 1%	3 to 6
	Solubility at 1%	Greater than 50%
	Tapped density	0.5 to 0.8 $\text{g/cm}^3$
	Particle size	95% less than 200 $\mu\text{m}$

<b>PACKAGING:</b>	25 kg 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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