



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### MEADOWSWEET 5:1 EXTRACT

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MEDTFP	3040	84775-57-5	August 25, 2011	SW	Original	RVK

<b>CHARACTERISTICS:</b>	Dry powder obtained through water extraction of flowering stem tops of meadowsweet ( <i>Filipendula ulmaria L.</i> ), from the Rosaceae family.	
	Appearance	Light brown, fine powder
	Taste	Slightly bitter
	Carrier	Maltodextrin
	Extract Ratio	5:1

<b>SPECIFICATIONS:</b>	Total Polyphenols	
	Eur. Pharm. (Ref. 2.8.14)	Greater than 1%
	OD 280 nm	Greater than 10%
	Salicylic acid	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 95%
	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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