



# American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: [www.aicma.com](http://www.aicma.com) Email: [info@aicma.com](mailto:info@aicma.com)

## SPECIFICATION SHEET

### PEA PROTEIN, HYDROLIZED Prothy® P90

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
PPHTFP	3040	-	July 18, 2011	SW	Original	MPR

<b>CHARACTERISTICS:</b>	Protein extracted from pea ( <i>Pisum sativum L.</i> ), of the Fabaceae family, obtained by enzymatic hydrolysis. Hydrolysis can split protein molecules into smaller molecular weight, increasing their bioavailability. PROTHY® P 90 is composed of polypeptides rich in arginine (8.7%), lysine (7.2%) as well as branched chain amino acids or BCAAs (18%). PROTHY® P90 is certified GM free	
	Appearance	Beige to light brown powder
	Taste	Slightly bitter
	Carrier	None

<b>SPECIFICATIONS:</b>	Proteins	90% +/- 2%
	Molecular weight	90% greater than 70,000 Dalton
	Carbohydrates	1 to 3%
	Fat	1 to 2%
	Loss on drying	Less than 6%
	Ash	Less than 6%
	pH at 1%	4 to 7
	Solubility at 1%	Greater than 90%
	Tapped density	0.3 to 0.7 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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