



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### RICE PROTEIN, HYDROLIZED Prothy® R80

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
RHPTFP	3040	-	August 25, 2011	SW	No. 1	CDS

<b>CHARACTERISTICS:</b>	Extract of proteins from rice ( <i>Oryza Sativa</i> ), from the grass family, obtained by enzymatic hydrolysis. Hydrolysis breaks down proteins into molecules of smaller molecular weight, increasing their bioavailability. PROTHY® R80, contains polypeptides rich branched-chain amino acids.	
	Appearance	Light beige to brown powder
	Taste	Bitter
	Carrier	None

<b>SPECIFICATIONS:</b>	Proteins	78% to 82%
	Molecular weight	90% less than 20,000 Dalton
	Carbohydrates	10% to 16%
	Fat	1% to 5%
	Loss on drying	Less than 6%
	Ash	Less than 2%
	pH at 1%	4 to 7
	Solubility at 1%	Greater than 30%
	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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