



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

SOY PROTEIN, HYDROLIZED (Prothy® SH)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
SPHFTP	3040	-	August 16, 2011	SW	Original	NSG

CHARACTERISTICS:	Extract of proteins from soybeans (Glycine Max), from the Fabaceae family, obtained by enzymatic hydrolysis. Hydrolysis breaks down proteins into molecules of smaller molecular weight, increasing their bioavailability. Soybean, which naturally contains 35 to 37% protein, is the only plant to contain a good distribution of all essential amino acids.	
	Appearance	Light beige to dark brown powder
	Taste	Bitter
	Carrier	None

SPECIFICATIONS:	Proteins	88% to 92%
	Molecular weight	90% less than 70,000 Dalton
	Carbohydrates	Less than 6%
	Fat	Less than 3%
	Loss on drying	Less than 6%
	Ash	Less than 5%
	pH at 1%	5 to 8
	Solubility at 1%	Greater than 90%
	Tapped density	0.3 to 0.7 g/cm ³
Particle size	95% less than 200µm	

PACKAGING:	25 kg bag in cardboard box
-------------------	----------------------------

APPLICATIONS:	Capsules and tablets for nutritional applications.
----------------------	--

SHELF LIFE AND STORAGE INSTRUCTIONS:	Hygroscopic powder, store in a dry place Best before: 24 months from date of manufacture
---	---