



PRODUCT SPECIFICATION

PRODUCT NAME: ISOLATED SOY PROTEIN (I300)

PRODUCT DESCRIPTION: I300 is derived from Non-GMO soybean flakes.

APPLICATION: Nutritional Bars, Bakery Products, Nutritional Supplement, Infant Formulas, Dairy-Free Products and Milk Replacers, Snack Food, Protein Tablet.

CHARACTERISTICS: Dispersible, soluble, unique functional.

PHYSICAL DESCRIPTION:

Color Light Cream

Flavor Bland

Granulation (through #100 U.S. Standard Screen) 95%min (passes through)

CHEMICAL SPECIFICATION:

Protein (mfb)	90.0% min
Moisture	7.0%max
Fat (ether extract method)	1.0%max
Fat (acid hydrolysis method)	4.0% max
Ash	5.5%max
pH (10% water solution)	6.5 - 7.5

HEAVY METALS CONTENT (mg/kg)

Cadmium	<0.1
Lead	<0.5
Arsenic	<0.5
Mercury	<0.05

MICROBIOLOGY SPECIFICATIONS:

Standard Plate Count	max 10,000/g
Salmonella	Negative
E.Coli	Negative

MINERALS RANGE (mg/100g)

Calcium	50 - 150
Potassium	200 - 350
Sodium	700 -1000
Magnesium	60 - 100
Iron	8 - 13

TYPICAL AMINO ACID PROFILE (g/100g of Protein)

Alanine	3.015	Lysine	6.682
Arginine	8.177	Methionine	1.232
Aspartic Acid	11.820	Phenylalanine	5.577
Cysteine	1.170	Proline	5.050
Glutamic Acid	15.576	Serine	6.117
Glycine	4.334	Threonine	4.308
Histidine	2.876	Tryptophan	1.480
Isoleucine	4.974	Tyrosine	4.107
Leucine	8.479	Valine	5.024

SOLVENT USED: Water

CERTIFICATE: GMO-Free Certificate of Conformity, Kosher, Halal, HACCP and ISO9001:2000.

SHELF LIFE: Maximum 24 months from production date, when stored under dry conditions below 75 F °, at relative humidity of 60% or less.

PACKAGING: 20KG/bag net weight, paper/plastic bag poly-lined.

Date issued: 1/11/2008 supersedes all previous data sheets for this product.