VITALUS

ITEM CODE: 1002112
PRODUCT OF USA

INPRO 80

80% Whey Protein Concentrate

‰ PRODUCT DESCRIPTION:

INPRO 80 is a whey protein concentrate manufactured using gentle ultrafiltration technology. Because of its nutritional value and characteristics, it is an excellent nutritional ingredient and performs well in the processing or preparation of food.

‰ PHYSICAL PROPERTIES:

Flavor/Odor	Clean and bland
Color	White to light cream
Scorched Particle	25 grams shall not exceed the A.D.M.I. scorched particle chart B disk

‰ ANALYTICAL PROPERTIES:

Protein (N x 6.38) Dry Basis	80.0 ± 2%
Lactose	6 ± 2%
Moisture	5.0% Max.
Fat	7.0% Max.
Ash	6.0% Max.
pH (10% solution)	6.0 – 7.5
Heavy Metals	5.0 mg/kg Max.
Lead	0.5 mg/kg Max.
Arsenic	2.0 mg/kg Max.

‰ MICROBIOLOGICAL STANDARDS:

Standard Plate Count	30,000 CFU/gram Max.
Coliform	10 CFU/gram Max.
Yeast and Mold	100 CFU/gram Max.
Salmonella	Negative* in 25 grams
Staphylococcus aureus	Negative* in 11 grams

*Not detected in this test

‰ TYPICAL AMINO ACID PROFILE:

Amino Acid	g/100g protein
Alanine (Ala)	4.77
Arginine (Arg)	2.26
Aspartic Acid (Asp)	10.63
Cystine (Cys-Cys)	2.06
Glutamic Acid (Glu)	16.80
Glycine (Gly)	3.10
Histidine (His)	1.81
Isoleucine (Ile)	5.95
Leucine (Leu)	10.68
Lysine (Lys)	8.43
Methionine (Met)	2.66
Phenylalanine (Phe)	2.77
Proline (Pro)	6.78
Serine (Ser)	5.22
Threonine (Thr)	6.96
Tryptophan (Try)	1.05
Tyrosine (Tyr)	3.11
Valine (Val)	4.95
	100.00

‰ TYPICAL MINERAL PROFILE:

Calcium	4,317.0 ppm
Iron	6.3 ppm
Magnesium	624.0 ppm
Manganese	0.2 ppm
Phosphorus	3,693.0 ppm
Potassium	3,703.0 ppm
Selenium	<2.0 ppm
Sodium	2,707.0 ppm
Zinc	5.6 ppm

‰ PACKAGING/STORAGE:

- ƒ 20 Kilogram (44.1 Pound) multi-walled paper bag with sealed polyethylene liner.
- ƒ Extended storage should be 15°C or lower. A cool, dry, clean storage area is recommended.

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