



INTERNATIONAL TRADE COMPANY, INC.

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ISOLATE SOY PROTEIN 'SoyPro 900'

ISP-900 is a soy protein produced from the finest non-GMO raw materials; it has been produced and designed for use within the meat, poultry, and fish processing industry.

ISP-900 provides strong gel strength through water binding in a ratio of 1:5

The product is also an excellent emulsifying agent; it will give you a homogenous heat stable emulsion in a ratio of at least 1:6:6

(The producer guarantees the functionality)

Chemical Analysis:

Typical limits: %

Protein (N*6.25)	90.5	min 90
NSI:	90.0	min 88
Moisture	5.5	max 8
Crude Fiber	0.5	max 1
Fat	0.5	max 0.7
Ask	4.0	max 6
Calcium	0.02	
Sodium	1.2	
Phosphorus	0.7	
Potassium	0.1	
Lecithin	0.2	max 1.0

Microbiology:

Standard plate counts	Max. 20.000/g
Yeast & Moulds	Max. 100/g
E.Coli	Negative/1g
Salmonella	Negative/25g

Amino acid composition:

	g AA/ 100g product	g AA/ 100g protein		g AA/ 100g product	g AA/ 100g protein
Aniline	3.7	4.2	Lysine	5.7	6.5
Arginine	7.1	8.0	Methionine	1.2	1.4
Aspartic acid	10.7	12.1	Phenylalanine	4.8	5.4
Glutamic acid	18.0	20.4	Roline	4.7	5.3
Cystine	1.2	1.4	Serine	5.0	5.7
Glycine	3.7	4.2	Threonine	3.2	3.6
Histidine	2.4	2.7	Tryptophan	0.9	1.0
Isoleucine	3.8	4.3	Tyrosine	3.6	4.1
Leucine	6.9	7.8	Valine	4.0	4.5

Physical Properties:

Ph	7.0+/-0.5
Color	Cream
Flavor	Bland
Particle size	(100 mesh) Min 90%
Bulk density	400 + - 50g/l

Heavy Metals:

Pb max	0,50 mg/kg
Cd max	0,10 mg/kg
Hg max	0,02 mg/kg
As max	0,30 mg/kg
Zn max	50 mg/kg

Packing & Storage:

ISP-900 is supplied in 20-kilo polylined paper bags.

The product should be stored in a dry, cool place away from materials with strong odor.

Following the above guidelines should insure 18-month shelf life.



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