GLOBAL RESOURCES DIRECT
STRAIGHT FROM THE SOURCE

Isolated Soy Protein

SPECIFICATION SHEET

PRODUCT NAME: Isolated Soy Protein

DESCRIPTION: Non-Gmo soybean proteins. Specially suitable for ham and injected meat, also suitable for dry blend beverage, Infant formulas, Cereals, Nutritional bars.

PACKAGING: 20 kg net. Triple-layer kraft bag with inner plastic bag.

STORAGE: Best to use within 18months. Store in dry and cool place. Keep away from strong odour or volatile materials and moisture.

CERTIFICATE: Kosher 、 Halal 、 HACCP 、 BRC 、 ISO9001:2008、ISO22000:2005 &IP certified.

TECHNICAL DATA:

Chemical Analysis	Specifications	Methods of Analysis
Appearance:	Light-yellow powder	GB/T20371-2006
Moisture*	≤ 5 .5%	GB 5009.3
Crude Protein, Dry Basis*	≥ 90.0%	GB 5009.5
pH (10% Slurry) *	6.5 - 7.5	GB/T9724
Ash	≤ 5.5%	GB 5009.4
Fat,Free (PE Extract)	≤ 1.0%	GB 5009.6
PARTICLE (Through 100 mesh)	≥ 97%	100 mesh Sieve Analysis
Density	≥ 0.3 g/ml	Graduated Cylinder

Microbiological Analysis	Specifications	Methods of Analysis
Standard PlateCount *	≤ 10,000/g	GB 4789.2
Salmonella （375g*2) *	Negative	GB 4789.4
Coliforms *	10 cfu/g	GB 4789.3
E. coli*	≤ 10 cfu/g	GB/T 4789.38
Yeast and Mold	≤ 100 cfu/g	GB 4789.15
Staphylococcus Aureus (/0.1g)	≤ Negative	FDA-BAM 8th Ed.

* on COA,test each lot.

TYPICAL MINERALS（mg/100g Product ）:

Sodium:	800-1400	
Potassium:	100-300	
Calcium:	50-150	GB/T 5009-2003
Phosphorus:	700-1100	
Iron:	10-15 50-	
Magnesium:	110	

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TYPICAL AMINO ACIDS （g/100g Product）：

Aspartic Acid:	9.49	
*Threonine:	3.39	
Serine:	3.94	
Glutamic Acid:	14.11	
Glycine:	3.36	
Alanine:	3.37	GB/T 5009.124-2003
*Valine:	3.58	GB/T 15400-1994
*Methionine:	1.08	
*Isoleucine:	3.53	
*Leucine:	6.74	
Tyrosine:	3.07	
*Phenylalanine:	4.37	
*Lysine:	5.12	GB/T 5009.124-2003
Histidine:	1.83	GB/T 15400-1994
Arginine:	6.04	
Proline:	4.77	
*Tryptophan:	0.75	
Cystine:	1.66	

**Essential Amino Acids*

HEAVY METALS （mg/kg Product）：

Lead:	＜0.1	GB5009.12
Cadmium:	＜0.1	GB/T5009.15
Mercury:	＜0.05	GB/T5009.17
Arsenic:	＜0.1	GB/T5009.11
Manganese:	＜20	GB/T5009.90
Selenium:	＜0.3	GB5009.93
Zine: Copper:	20-50	GB/T5009.14
	＜20	GB/T5009.13

VITAMINS （mg/100g Product）：

Vitamin A:	10 IU/100g	GB/T 5009.82-2003
Vitamin B1:	0.09	GB/T 5413.11-1997
Vitamin B2:	0.02	GB/T 5413.12-1997
Vitamin C:	0	GB/T 5009.86-2003

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