

# Yantai Shuangta Food Co., Ltd.

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## SPECIFICATIONS Pea Protein Isolate 80%

Product No: S80-D-03

### Composition based on dry matter

Protein (N x 6.25)	≥ 80%
Crude Fiber	≤ 3 %
Moisture	≤ 10%
Ash	≤ 8%
Fats	≤ 8%
PH	6.0 to 8.0
As	≤ 0.5 mg/kg
Pb	≤ 1.0 mg/kg
Cd	≤ 0.5 mg/kg

### Physical Data

Color	Light yellow
Taste and Odor	Bland
Particle Size	100 Mesh

### Microbiology

Total Plate Counts	≤ 30,000 cfu/g
Total Coliforms	≤ 30 MPN/100g
Yeasts	≤ 50 cfu/g
Molds	≤ 50 cfu/g
Salmonella	Negative
Escherichia Coli	Negative
Pathogenic Bacteria	Negative

Pea Protein Isolate is made from Canadian and US peas through natural biochemical separation method.

It provides high nutrition and functionality. No cholesterol and have certain amount of amino acid.

### Speciality:

No cholesterol , low fat  
High- lysine  
High nutrition and functionalities  
Good soluble capacity  
No anti-nutritional factors  
Gluten free

### Nutritional Characteristics

Amino Acid content	
Aspartic Acid	9.89
Threonine	2.55
Serine	4.70
Glutamic Acid	13.27
Proline	3.25
Glycine	1.45
Alanine	3.74
Valine	3.71
Cystine	1.18
Methionine	0.20
Isoleucine	1.32
Leucine	6.24
Tyrosine	2.14
Phenylalanine	4.79
Histidine	2.80
Tryptophan	0.92
Lysine	5.30
Arginine	8.30
Total amino acid	75.75

### Applications

- 1) Vagen meat ,Plant based meat
- 2) Dairy products and healthy drinks:  
Ice Cream, Candy, chocolate  
Sport Drinks, Protein drink  
Instant drinks, fruit drink
- 3) Corn snack foods  
Bakery foods, biscuits  
Pasta, noodles
- 4) Healthy and nutritional foods  
Baby foods  
Nutritional foods  
Dietary foods  
Sports foods  
Natural food ingredients

### Certificates

BRC	KOSHER	HALAL	HACCP
ISO9001	ISO14001	ISO22000	