

Product name

Angel Soy Peptone FP410

Definition

Angel soy peptone FP410 is a kind of powder product which is obtained by hydrolysis of soy protein.

Description

Light beige to yellow, powder form, soluble in water.

Rich in Peptides and proteins.

Application

As a kind of nitrogen source in culture media, can be widely used in below applications:

Laboratory culture media.

Industry fermentation such as Probiotics.

Physical-chemical characteristics

Item	Data
Solubility (%)	0-2%, Totally soluble in water
pH (2%)	5.0-7.5
Moisture (%)	≤8.0%
Total nitrogen (Dry matter, %)	≥9.0%
Amino nitrogen (Dry matter, %)	≥1.8%
Ash (%)	≤15.0%
NaCl (%)	≤2.0%

Microbiological characteristics

Item	Data
Aerobic Count (cfu/g)	≤50000
Coliforms (MPN/g)	≤0.3
Salmonella	Negative/25g
Staphylococcus aureus	Negative/25g

Angel Yeast Co., Ltd.

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Shigella	Negative/25g
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Heavy metals

Item	Data
Lead (mg/kg)	≤2.0mg/kg
Arsenic (mg/kg)	≤2.0mg/kg

Amino acid composition (For reference only)

Amino acids	Free amino acids (%)	Total amino acids (%)
Ala	0.3	3.1
Arg	0.1	4.1
Asp	0.6	4.4
Cys	0.1	0.8
Glu	1.3	10.9
Gly	0.2	3.1
His	0.2	1.6
Ile	0.3	3.0
Leu	1.4	4.2
Lys	1.0	3.4
Met	0.1	0.6
Phe	1.8	3.4
Pro	0.1	3.3
Ser	0.4	2.6
Thr	0.3	2.7
Tyr	1.3	2.3
Val	0.3	3.2
Total	9.8	56.7

Packaging and Storage

Packaging: 20KG/BAG Sealed kraft paper bag with PE liner

Store condition: Stored in cool and dry place Shelf life: 24 months

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