
Product name

Angel Yeast Extract FP101

Definition

Angel yeast extract FP101 is a kind of powder product which is obtained by autolysis of high-protein primary grown *Saccharomyces cerevisiae* yeasts.

Description

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

Rich in small Peptides, balanced Proteins, Amino acids, Vitamins, Nucleotides, Trace elements.

Application

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

Laboratory culture media.

Replacement of animal or vegetable origin peptone.

Industry fermentation such as Probiotics, PUFA, Nucleoside, Biopharmaceuticals, etc.

Certification

Kosher, Halal, ISO9001, ISO14001, ISO22000, Sedex, BRC, CNAS

Physical-chemical characteristics

Item	Data
Solubility (%)	0-2%, Totally soluble in water
pH (2%)	5.3-7.2
Moisture (%)	≤6.0%
Total nitrogen (Dry matter, %)	≥10.0%
Amino nitrogen (Dry matter, %)	≥2.0%
Ash (%)	≤15.0%
NaCl (%)	≤2.0%

Angel Yeast Co., Ltd.

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Microbiological characteristics

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

Heavy metals

Item	Data
Lead (mg/kg)	≤1.0mg/kg
Arsenic (mg/kg)	≤0.5mg/kg
Mercury (mg/kg)	≤0.5 mg/kg

Amino acid composition (For reference only)

Amino acids	Free amino acids (%)	Total amino acids (%)
Aspartic acid	0.2	6.5
Threonine	0.5	2.8
Serine	0.3	3.0
Glutamic acid	7.2	15.8
Glycine	0.2	3.0
Alanine	4.5	7.5
Cystine	1.5	1.8
Valine	0.5	3.0
Methionine	0.1	0.6
Isoleusine	0.1	2.5
Leucine	0.1	3.8
Tyrosine	0.7	2.0
Phenylalanine	0.2	2.0
Lysine	0.4	4.8
Histidine	0.1	1.2
Arginine	1.0	3.5

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Proline	0.2	2.4
Total	18.2	66.2

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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