
Product name

Angel Yeast Extract FM902

Definition

Angel yeast extract FM902 is a kind of powder product which is obtained by autolysis of primary grown *Saccharomyces cerevisiae* yeasts.

Description

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

Balanced Free amino acids, Peptides, Vitamins, Nucleotides, Trace elements.

Application

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

Laboratory culture media and microbiology test.

Widely used in large scale industry fermentation, such as Amino acids, Organic acids, Antibiotics, Enzymes, Vitamins, and other bio-based products.

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, %)	≥9.0%
Amino nitrogen (Dry matter, %)	≥3.0%
Ash (%)	≤15.0%
NaCl (%)	≤2.0%

Microbiological characteristics

Item	Data
------	------

Angel Yeast Co., Ltd.

Address: 168 Chengdong Avenue, Yichang, Hubei 443003, China. 443003

Tel: +86-717-6369227 Fax: +86-717-6368757

web site: <http://en.angelyeast.com>

Aerobic Count (cfu/g)	≤10000
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

Average vitamin composition (For reference only)

Item (ppm)	Data
VB ₁	0.27
VB ₂	3.34
VB ₅	0.24
VB ₆	<0.02
VB ₇	751.5
VB ₉	2477
VB ₁₂ (μg/100g)	0.1
Choline	1825.0
Inositol	1477.2
Nicotinic acid	751.5

Amino acid composition (For reference only)

Amino acids	Free amino acids (%)	Total amino acids (%)
Ala	4.4	6.5
Arg	1.4	3.5
Asp	1.8	6.9
Cys	0.3	1.8
Glu	4.8	11.4
Gly	0.6	2.8
His	0.3	1.2

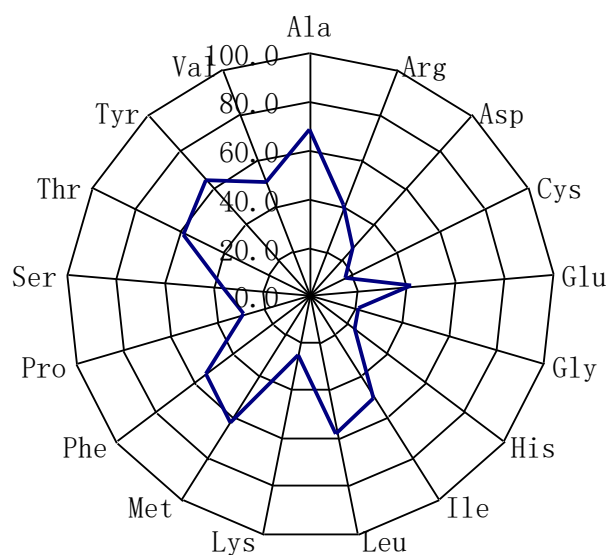
Angel Yeast Co., Ltd.

Address: 168 Chengdong Avenue, Yichang, Hubei 443003, China. 443003

Tel: +86-717-6369227 Fax: +86-717-6368757

web site: <http://en.angelyeast.com>

Ile	1.5	3.0
Leu	2.5	4.2
Lys	1.2	4.6
Met	0.5	0.9
Phe	1.2	2.2
Pro	0.6	2.2
Ser	1.0	2.8
Thr	1.7	2.9
Tyr	1.4	2.1
Val	1.8	3.6
Total	26.8	62.5



Free Amino acids / Total Amino acids $\times 100$

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

Angel Yeast Co., Ltd.

Address: 168 Chengdong Avenue, Yichang, Hubei 443003, China. 443003

Tel: +86-717-6369227 Fax: +86-717-6368757

web site: <http://en.angelyeast.com>