
Product name

Angel Yeast Extract FM808

Definition

Angel yeast extract FM808 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, Hyaluronic acids and other bio-based products.

Certification

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

Physical-chemical characteristics

Item	Data
Solubility (%)	0-5%, Totally soluble in water
pH (2%)	5.3-7.2
Moisture (%)	≤6.0%
Total nitrogen (Dry matter, %)	≥10.0%
Amino nitrogen (Dry matter, %)	≥4.0%
Ash (%)	≤15.0%
NaCl (%)	≤2.0%

Angel Yeast Co., Ltd.

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Tel: +86-717-6369227 Fax: +86-717-6368757 Contact person: Mr. Johnny Yin

E-mail: yinqiang@angelyeast.com web site: <http://en.angelyeast.com>

Microbiological characteristics

Item	Data
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	Data (mg / kg)
VB ₁	8.9
VB ₂	53.5
VB ₅	207
VB ₆	2.1
VB ₇	8.15
VB ₉	44.9
VB ₁₂ (ug/100g)	<0.1
Choline	3825
Inositol	2477.2
Nicotinic acid	347

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Minerals (For reference only)

Item	Data (mg / kg)
K	31535
Na	4049
Ca	1597
Mg	2969
Zn	93
Fe	46

Amino acid composition (For reference only)

Amino acids	Free amino acids (%)	Total amino acids (%)
Aspartic acid	1.2	5.93
Threonine	1.6	2.74
Serine	1.0	2.75
Glutamic acid	2.6	9.26
Glycine	0.7	3.01
Alanine	4.5	6.38
Cystine	0.2	0.28
Valine	1.9	3.61
Methionine	0.5	0.74
Isoleucine	1.4	2.89
Leucine	2.4	4.10
Tyrosine	1.2	2.01
Phenylalanine	1.1	1.89
Lysine	1.1	4.58
Histidine	0.2	1.22
Arginine	1.5	3.57
Proline	0.7	2.13
Total	24.3	58.55

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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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