

Product name

Angel Yeast Extract LM800

Definition

Angel yeast extract LM800 is a kind of paste product which is obtained by autolysis of primary grown *Saccharomyces cerevisiae* yeasts.

Description

Yellow to brown, paste form, soluble in water.

Balanced 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 and microbiology test.

Industry fermentation such as Amino acids, Organic acids, Antibiotics, Enzymes, Vitamins, etc.

Certification

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

Physical-chemical characteristics

Item	Data
Solubility (%)	0-2%, Totally soluble in water
pH (2%)	4.0-7.2
Moisture (%)	≤35.0%
Total nitrogen (Dry matter, %)	≥10.0%
Amino nitrogen (Dry matter, %)	≥4.0%
Ash (%)	≤15.0%
NaCl (%)	≤2.0%

Microbiological characteristics

Item	Data
Aerobic Count (cfu/g)	≤50000

Angel Yeast Co., Ltd.

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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	1.8	4.2
Threonine	1.2	1.9
Serine	0.9	1.8
Glutamic acid	3.2	7.3
Glycine	0.5	1.9
Alanine	2.4	4.3
Cystine	0.4	0.9
Valine	1.4	2.3
Methionine	0.3	0.5
Isoleusine	1.1	1.8
Leucine	2.0	3.0
Tyrosine	1.3	1.9
Phenylalanine	1.7	1.9
Lysine	1.1	2.9
Histidine	0.2	0.8
Arginine	1.2	2.5
Proline	0.3	1.5
Total	21.0	41.4

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Packaging and Storage

Packaging: 25KG/BUCKET

Store condition: Stored in cool and dry place Shelf life: 18 months

KOVIN COMPANY

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