

Product name

Angel Yeast Extract FM801

Definition

Angel yeast extract FM801 is a kind of autolysed yeast powder 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. Also contain yeast cell wall.

Application

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

Industry fermentation such as Antibiotics, PUFA, Macro fungi, etc.

Certification

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

Physical-chemical characteristics

Item	Data
Solubility (%)	0-2%, not totally soluble in water
pH (2%)	4.5-6.5
Moisture (%)	≤6.0%
Total nitrogen (Dry matter, %)	≥6.4%
Amino nitrogen (Dry matter, %)	≥2.5%
Ash (%)	≤12.0%
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

Average vitamin composition (For reference only)

Item	Data (mg / kg)
VB ₁	6.7
VB ₂	31.1

Minerals (For reference only)

Item	Data (mg / kg)
K	18812
Na	2365
Ca	492
Mg	2109
Zn	170
Fe	55

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Amino acid composition (For reference only)

Amino acids	Free amino acids (%)	Total amino acids (%)
Ala	2.1	3.0
Arg	0.8	2.2
Asp	1.1	4.4
Cys	0.4	0.6
Glu	3.0	6.2
Gly	0.4	1.9
His	0.2	0.7
Ile	1.0	2.0
Leu	1.7	2.9
Lys	0.8	3.0
Met	0.6	0.7
Phe	0.9	1.8
Pro	0.7	1.3
Ser	0.8	2.0
Thr	1.0	2.1
Tyr	0.9	1.7
Val	1.3	2.2
Total	17.7	38.7

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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