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**Product name**

Angel Yeast Extract FM803

**Definition**

Angel yeast extract FM803 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.

Rich in Free amino acids, balanced Peptides, Vitamins, Nucleotides, Trace elements.

**Application**

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

Lactobacillus and amino acid-deficient stains

Primary metabolites

Laboratory culture media and microbiology test.

Industry fermentation such as Probiotics, Organic acids, Enzymes, 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, %)	≥5.0%
Ash (%)	≤15.0%
NaCl (%)	≤2.0%

**Microbiological characteristics**

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**Angel Yeast Co., Ltd.**

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Item	Data
Total Plate Count (cfu/g)	≤10000
Coliforms (MPN/g)	≤0.3
Pathogenic bacteria (Salmonella, Shigella, Staphylococcus aureus)	Not Detected

**Heavy metals**

Item	Data
Lead (mg/kg)	≤2.0mg/kg
Arsenic (mg/kg)	≤2.0mg/kg

**Amino acid composition (For reference only)**

Amino acids	Free amino acids (%)	Total amino acids (%)
Aspartic acid	1.5	6.5
Threonine	2.0	3.0
Serine	1.8	3.0
Glutamic acid	5.0	11.0
Glycine	1.5	3.0
Alanine	4.5	6.5
Cystine	0.5	1.5
Valine	2.5	3.5
Methionine	0.5	0.7
Isoleusine	2.0	3.0
Leucine	3.2	4.5
Tyrosine	1.5	2.0
Phenylalanine	2.0	2.8
Lysine	2.0	4.5
Histidine	0.5	1.5
Arginine	1.5	3.6
Proline	1.5	2.4
Total	34.0	63.0

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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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