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**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%

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**Angel Yeast Co., Ltd.**

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**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 <sub>1</sub>	2.6
VB <sub>2</sub>	41.6
VB <sub>5</sub>	81.3
VB <sub>6</sub>	11.5
VB <sub>7</sub>	5.79
VB <sub>9</sub>	25.1
VB <sub>12</sub> (ug/100g)	0.21
Choline	3017
Inositol	2016
Nicotinic acid	318

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**Minerals** (For reference only)

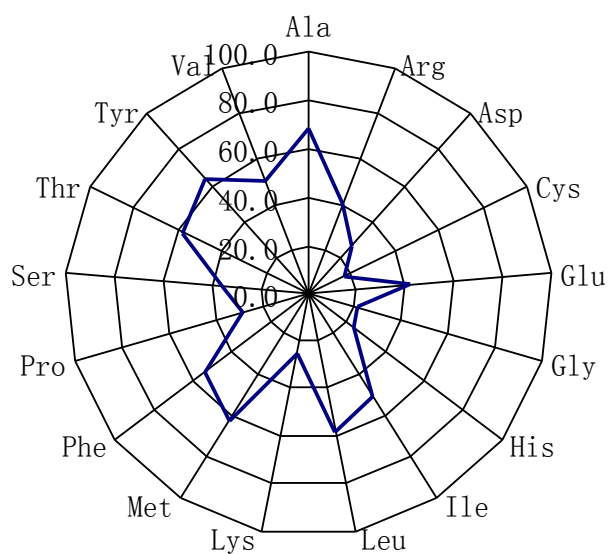
Item	Data (mg / kg)
K	32767
Na	5841
Ca	538
Mg	2034
Zn	160
Fe	59

**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
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

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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

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