

**Product name**

Angel Yeast Extract LP101

**Definition**

Angel yeast extract LP101 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:

Widely used in industry fermentation

**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 (%)	≤40.0%
Total nitrogen (Dry matter, %)	≥9.0%
Amino nitrogen (Dry matter, %)	≥2.0%
Ash (%)	≤15.0%
NaCl (%)	≤2.0%

**Microbiological characteristics**

Item	Data
Total Plate Count (cfu/g)	≤50000
Coliforms (MPN/g)	≤0.3

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Pathogenic bacteria (Salmonella, Shigella, Staphylococcus aureus)	Not Detected
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**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	0.7	4.49
Threonine	0.5	1.66
Serine	0.3	1.67
Glutamic acid	3.7	9.60
Glycine	0.1	1.65
Alanine	1.8	3.50
Cystine	1.6	0.95
Valine	0.4	1.68
Methionine	0.1	0.40
Isoleusine	0.1	1.28
Leucine	0.1	2.32
Tyrosine	0.6	1.14
Phenylalanine	0.2	1.21
Lysine	0.3	2.75
Histidine	0.1	0.73
Arginine	0.7	1.98
Proline	0.1	1.33
Total	11.4	38.3

**Packaging and Storage**

Packaging: 25KG/BUCKET

Store condition: Stored in cool and dry place    Shelf life: 12 months

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