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**Product name**

Angel Yeast Extract LD00

**Definition**

Angel yeast extract LD00 is a kind of liquid product which is obtained by autolysis of primary grown *Saccharomyces cerevisiae* yeasts.

**Description**

Yellow to brown, liquid form, soluble in water.

Rich in Peptides, 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, Nucleotides, 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%)	4.0 ~ 6.0
Moisture (%)	45.0% ~ 49.0%
Total nitrogen (Dry matter, %)	≥10.0%
Amino nitrogen (Dry matter, %)	≥4.0%
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

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

Amino acids	Free amino acids (%)	Total amino acids (%)
Aspartic acid	0.9	3.7
Threonine	1.0	1.6
Serine	0.9	1.4
Glutamic acid	4.6	7.9
Glycine	0.5	1.7
Alanine	2.7	3.2
Cystine	0.9	1.2
Valine	1.3	2.0
Methionine	0.4	0.5
Isoleusine	1.1	1.8
Leucine	1.9	2.8
Tyrosine	1.8	1.8
Phenylalanine	1.4	1.6
Lysine	1.0	2.6
Histidine	0.4	0.7
Arginine	0.9	1.7

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Proline	0.3	0.8
Total	22	37

**Packaging and Storage**

Packaging: 1000KG/TANK

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

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