

Yeast Extract

Yeast-derived soluble nitrogen source for microbial culture media and industrial fermentation.

CAS No. 8013-01-2	EC / List No. 232-387-9	Transport Non-dangerous goods
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Product Information

Yeast Extract is a water-soluble natural source of peptides and amino nitrogen for professional microbial media and industrial fermentation development. The material has no single small-molecule formula.

Specifications

Parameter	Specification
Appearance	Light brown powder
Total nitrogen	≥10 %
Amino nitrogen	≥5 %
pH	5.0–7.0
Ash	≤12 %
Moisture	≤10 %
Water solubility	Completely soluble
Solution clarity	Clear
Precipitation	None

Supply specifications follow the stated ZXCHEM TDS. Select the grade against the intended process and evaluate the complete formulation.

Typical Properties

Property	Typical Value
Total Nitrogen	≥10%
Amino Nitrogen	≥5%

Applications

Microbial culture media: Soluble nitrogen source; evaluate growth and medium clarity.

Industrial fermentation: Optimize nitrogen feeding and batch reproducibility.

Bioprocess development: Match quality and compatibility to the intended process.

Packaging / Storage

Item	Information
Packing	20 kg lined bags
Storage	Keep sealed, cool and dry; protect from sunlight, moisture and contamination.
Shelf life	24 months, unopened, under prescribed storage.
Handling	Control powder with local extraction. Wear gloves and goggles. Avoid dust inhalation and direct contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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