

## Yeast Extract

Yeast Extract is a soluble paste or powder made from edible yeast rich in protein. It is produced using modern high-tech biological techniques such as autolysis, enzymolysis, separation, and concentration. During this process, the proteins and nucleic acids within the yeast cells are degraded and refined. The main components of yeast extract are polypeptides, amino acids, flavor-enhancing nucleotides, B vitamins, and trace elements.

### Product Specifications

English Name	Yeast Extract	Shelf Life	36 months
Product status	Powder	Solubility (% , room temperature)	2% complete dissolution
Grade	FMB Grade	pH(2%) solution	5.3-7.2
Source	Yeasts	Moisture	≤ 6.0%
Storage	2-30°C	Total nitrogen (on a dry basis, %)	≥ 10.0%
MDL Number	MFCD00132599	Amino nitrogen (on a dry basis, %)	≥ 4.0
EINECS Number	232-387-9	Ash (%)	≤ 15.0
CAS	8013-01-2	NACL(%)	≤ 2.0

**Storage:** Store in a dry place away from light, tighten the cap immediately after use.

### Ordering Information

Cat.#	Description	Qty
LB-21	Yeast Extract	500 g/Bottle, 10 Bottles/Case



## Sodium Chloride

Sodium chloride is one of the most commonly used inorganic salts in biochemical research. Sodium chloride primarily originates from seawater and is the main component of table salt. It is usually found as a colorless or white crystalline powder, well soluble in water and glycerol, slightly soluble in ethanol (alcohol) and liquid ammonia, but insoluble in concentrated hydrochloric acid. It is widely used in biochemical experiments, preparation of culture media, and buffer solutions such as Tris buffer, phosphate-buffered saline (PBS), MPM-2 (mitotic protein monoclonal 2) cell lysis buffer, immunoprecipitation wash buffer, LB (Luria-Bertani) medium, dialysis buffer, density gradient solution preparation, nucleic acid and protein purification, analysis, determination of silver nitrate content, and trace determination of fluoride and silicate.

### Product Parameters

English Name	Sodium chloride	MDL Number	MFCD00003477
Product Status	colorless or white crystalline powder	EINECS Number	231-791-2
Grade	Molecular Biology Grade   Purity ≥ 99.9%	CAS	7647-14-5
Source	/	Shelf Life	36 months
Storage	2-30°C	Melting Point	801°C (lit.)
Boiling Point	1465°C (lit.)		

**Storage:** Store in a dry place away from light, tighten the cap immediately after use.

### Ordering Information

Cat.#	Description	Qty
LB-41	Sodium Chloride	500 g/Bottle, 10 Bottles/Case

