



## YEAST EXTRACT

### A water soluble spray-dried yeast extract powder autolysate

#### INTENDED USE

Yeast extract is an autolysate of yeast cells used in the preparation of microbiological culture media. For laboratory use only.

#### DESCRIPTION

Yeast Extract is a water-soluble spray-dried extract resulting from the autolysis of primary grown yeast cells of the species *Saccharomyces cerevisiae*. During the production the process is carefully controlled so that the B-complex vitamins are almost completely conserved. Yeast Extract is an excellent source of B-complex vitamins and it is standardised for bacteriological purposes. It is particularly useful for media containing sodium thioglycollate.

#### TYPICAL ANALYSIS

Appearance of powder	Ochre, fine, homogeneous hygroscopic powder
Appearance of 2% solution	Yellow, limpid
pH 2% solution (25°C)	7.0 ± 0.2
Dry matter	94 - 98%
Total nitrogen (TN)	10.0 - 11.8 %
α-amino nitrogen (AN)	4.8 - 6.3 %
Sodium chloride	< 0,5
Performances in microbiological culture media	passes test

#### STORAGE CONDITIONS

Keep tightly closed, away from bright light, in a cool dry place (+10 °C to 30 °C and <60% RH).

#### PACKAGING

4122202	Yeast Extract	500 g
4122204	Yeast Extract	5 kg