



YEAST EXTRACT

A water soluble spray-dried yeast extract powder autolysate

DESCRIPTION

Yeast Extract is a highly soluble product obtained from the lysis of yeast cells, suitable for bacteriological uses. The production process guarantees the integral conservation of the B complex vitamins. It is used for the preparation of culture media for microbiology, where it is an important source of nitrogen and supplies the B complex vitamins. Particularly suitable for the preparation of the media containing sodium thioglycolate.

The product is guaranteed GMO-free; it does not contain substances of animal origin.

CAS n°: 84604-16-0

EC n°: 283-294-5

PHYSICAL CHARACTERISTICS

Powder color	beige
Water solubility	up to 350 g/L
Density	0.40-0.60 Kg/m ³
Granulometry	70 µm (medium particle diameter)

TYPICAL ANALYSIS

Dry matter	≥ 94 %
Proteins	≥ 62.5 %
Total nitrogen (TN)	≥ 10,0 %
α-amino nitrogen (AN)	≥ 4.5 %
Sodium chloride	≤ 0.5 %
Ashes	≤ 16 %
pH (sol. 8.33%-EP 2.2.3)	6.8 – 7.2
Vitamins	
Thiamine (B1)	≤ 100 ppm
Riboflavin (B2)	≤ 200 ppm
PP-Niacin (B3)	≤ 1000 ppm
Pantothenic acid (B5)	≤ 400 ppm
Pyridine (B6)	≤ 100 ppm
Biotin (B8)	≤ 25 ppm
Folate (B9)	≤ 50 ppm
Cobalamine (B12)	≤ 25 ppm
Choline	≤ 100 ppm
Inositol	≤ 1000 ppm

STORAGE CONDITIONS

Store in a dry place at a cool to ambient temperature and protected from direct sunlight.

PACKAGING

4122202	Yeast Extract	500 g
4122204	Yeast Extract	5 kg