

Yeast Extract

#GCM24.0500

(for research only)

Product:	Yeast Extract is the dehydrated water-soluble fraction of autolyzed <i>Saccharomyces cerevisiae</i> . It is widely used as a supplement for microbiological culture media, as it is rich in vitamins, amino acids and other growth factors and as such serves as an excellent nutrient.
Quantity:	500g
Appearance:	Clear beige powder.
Storage:	2°C – 25°C. When not in use, keep container closed to avoid hydration.

Typical composition of aminoacids (g/100g)

Alanine:	8,70	Arginine:	5,00	Aspartic Acid:	9,70
Cystine:	0,80	Glutamic acid:	16,10	Glycine:	4,90
Histidine:	2,00	Isoleucine:	5,60	Leucine:	7,60
Lysine:	8,00	Methionine:	1,30	Phenylalanine:	3,80
Proline:	4,00	Serine:	4,70	Threonine:	4,40
Tryptophan:	1,20	Tyrosine:	2,30	Valine:	5,80

Chemical Characteristics:

Amino Nitrogen:	typical: 5,4% (min: 4,5%)
Total Nitrogen:	typical: 10,7% (min:10,0%)
Loss on drying:	typical: 3,30% (max 5,0%)
Ash content:	typical: 9,5% (max 15,0%)
Calcium:	typical: 0.10%
Magnesium:	typical: 0,10%
Potassium:	typical: 5,70%
Sodium:	typical: 0,30%
pH (2%)	typical: 6,8 (range: 6,6±0,6)

ORDERING INFORMATION – Culture Media and Components

Reference #	Product Name	Quantity
GCM01.0500	LB Agar (Lennox)	500 g
GCM02.0500	LB Broth (Lennox)	500 g
GCM03.0500	Luria Agar (Miller's LB Agar)	500 g
GCM04.0500	Luria Broth (Miller's LB Broth)	500 g
GCM05.0500	Luria Agar (Miller's Modification)	500 g
GCM06.0500	Luria Broth (Miller's Modification)	500 g
GCM07.0500	Terrific Broth	500 g
GCM08.0500	Modified Terrific Broth	500 g
GCM09.0500	2xYT Medium	500 g
GCM10.0500	2xYT Agar	500 g
GCM11.0500	SOB Medium	500 g
GCM12.0500	SOC Medium	500 g
GCM13.0500	YPD Broth	500 g
GCM14.0500	YPD Agar	500 g
GCM15.0500	YNB w/o amino acids and w/o ammonium sulfate	500 g
GCM16.0500	YNB w/o amino acids with ammonium sulfate	500 g
GCM17.0500	LB Broth (Auto Induction Medium)	500 g
GCM18.0500	2xYT Broth (Auto Induction Medium)	500 g
GCM19.0500	Terrific Broth (Auto Induction Medium)	500 g
GCM20.0500	Super Broth (Auto Induction Medium)	500 g
GCM21.0500	Peptone	500 g
GCM22.0500	Bacterial Peptone	500 g
GCM23.0500	Tryptone	500 g
GCM24.0500	Yeast Extract	500 g
GCM25.0500	Bacteriological Agar	500 g
GCM26.0500	Dextrose	500 g
GCM27.0500	Sucrose	500 g

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