

Yeast Extract Agar (YEA)

According to DIN EN ISO 6222:1999

Abbreviazione: YEA
Numero articolo: 72-1290
Scheda: 500ml-bottle with 400ml nutrient medium
Colore: Clear, yellowish coloured
Condizioni di stoccaggio prodotti: Dry, in closed bag, at 15-22°C
Data di scadenza: 3 Months
Valore pH: 7.2 ± 0.2 bei 25°C



Destinazione e applicazione

Yeast Extract Agar Medium is for the detection, isolation and enumeration of bacteria cultivated at 22 ± 1 °C and 37 ± 1 °C in water and waste water samples (BS EN ISO 6222:1999).

Composizione tipica

in g per 1 litre nutrient medium

Casein Peptone	6.0
Yeast Extract	3.0
Agar	10.0

Controlli di qualita' microbiologici

The Microbiological Performance Test is carried out in accordance with the requirements BS EN ISO 11133:2014.

Productivity

Incubation conditions: 44 ± 4 Hours at $36 \pm 1^\circ\text{C}$; Inoculation concentration of target organisms: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	$\geq 70 \%$	-
Bacillus subtilis	ATCC 6633 / WDCM 00003	$\geq 70 \%$	-

Microbial Contamination

Incubation conditions: 5–7 days at $20\text{--}25^\circ\text{C}$ and 5–7 days at $30\text{--}35^\circ\text{C}$

Specification

No microbial contamination