

Yeast Extract Agar (ISO 6222:1999)

Nutrient medium for the recount of germs in water

Formula in grams per liter:

Yeast Extract	3,00	Bacteriological Agar	15,00
Tryptone	6,00		

Final pH: 7,2 ± 0,2 at 25 °C

Preparation:

Suspend 23 grams of the medium in one litre of distilled water. Heat with frequent agitation and boil for one minute. Do not overheat. Sterilize in an autoclave at 121°C for 15 minutes.

Uses:

Yeast Extract, is a medium rich in nutrients which permits the recovery of a wide spectrum of bacteria, yeast and Prepare decimal dilutions and make recount for pouring in plate. Incubate two series of plates, one at 37°C for 24 hours and the other at 20-22°C for 3 days.

Microbiological Tests:

Microorganisms	Growth
<i>Escherichia coli</i> ATCC 25922	Satisfactory
<i>Candida albicans</i> ATCC 10131	Satisfactory
<i>Staphylococcus aureus</i> ATCC 25923	Satisfactory
<i>Aspergillus niger</i>	Satisfactory
<i>Penicilium spp.</i>	Satisfactory

