

Nutrient Broth 'Economy'

Use and description:

A general purpose broth for the cultivation of microorganisms which do not present any particular requirements. Blood, serum, carbohydrates, colourants may be added as supplement.

Composition per liter:

Peptone.....5.0 g
 Yeast extract.....2.0 g
 Sodium chloride.....5.0 g
 Beef extract.....1.0 g

Final pH of the ready to use medium: 7.4 ± 0.2

Medium preparation:

Add 13.0 grams of dehydrated culture medium to 1 liter of distilled water. Heat to dissolve then dispense into bottles or tubes. Sterilise by autoclaving at 121°C for 15 minutes.

Quality specification:

Dehydrated medium: homogeneous, beige fine powder.
 Ready to use medium: clear and straw colored.

Microbiological response:

Organism	Result
<i>Escherichia coli</i> ATCC 25922	Positive
<i>Staphylococcus aureus</i> ATCC 25923	Positive

Storage:

Dehydrated medium should be stored between 10 to 25°C. Once opened, place the container in a dark, dry place. The dehydrated medium should not be used if there is any lump or if the color has changed from the original.