

MM0039

Tryptone Water Broth

Use and description:

This medium is used for testing of indol production by bacteria that has the ability to utilise tryptophane.

Composition per liter:

Tryptone.....10.0 g
Sodium chloride.....5.0 g

Final pH of the ready to use medium: 7.2 ± 0.2

Medium preparation:

Add 15.0 grams of dehydrated culture medium to 1 liter of distilled water. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121.0°C for 15 minutes.

Quality specifications:

Dehydrated medium: homogeneous, light beige fine powder.

Ready to use medium: clear and pale yellow.

Microbiological response:

Organism	Result / indole reaction
<i>Escherichia coli</i> ATCC 25922	Growth / +
<i>Enterobacter aerogenes</i> ATCC 13048	Growth / -

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 the color has changed from the original.