

Tryptone Bile Agar [TBA] (ISO 9308-1)

Detection and enumeration of *E. coli* and coliform bacteria in water

Formula in grams per liter:

Tryptone
Bacteriological Agar

20,00 | Bile Salts
15,00

1,50

Final pH: 7,2 ± 0,2 at 25 °C

Preparation:

Suspend 36,5 g. of the dehydrated medium in one liter of distilled water. Heat agitating frequently until boiling. Distribute into appropriate containers and sterilize at (121 ±3)°C for 15 minutes. Allow the medium to cool to 50 ±5°C and distribute into double layer plates, making a layer of no less of 5 mm depth.

Uses:

Medium used for the quick test for the detection and enumeration of coliform bacteria and *E. Coli* by the membrane filtration technique as per the Standard ISO 9308-1.

Microbiological Tests:

Microorganisms	Growth
<i>Escherichia coli</i> ATCC 25922	+
<i>Klebsiella pneumonia</i> ATCC 13833	+

