

Product Name : PCB (Plate Count Broth) Modified

A non selective nutrient medium for the enumeration of total viable organisms with MPN procedure.

FORMULA (G/L)

Yeast Extract 5.0
Tryptone 10.0
Glucose 2.0
Final pH = 7.0 ± 0.2 at 25 °C.

DIRECTIONS

Suspend 17.0 G in 1 L of distilled water and boil to dissolve the medium completely. Dispense into final containers. Sterilize by autoclaving at 121 °C for 15 minutes.

DESCRIPTION

PCB (Plate Count Broth) Modified is a non selective nutrient medium for the enumeration of total viable organisms with MPN procedure.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: light tan.

Prepared medium

Appearance: slightly opalescent, no precipitate.

Color: light amber.

Incubation conditions: 36 ± 1°C / 48 hours.

Microorganism	ATCC	Growth
<i>Escherichia coli</i>	25922	good
<i>Staphylococcus aureus</i>	25923	good
<i>Staphylococcus epidermidis</i>	12228	good
<i>Enterococcus faecalis</i>	29212	good

STORAGE

The powder is very hygroscopic. Store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of contamination are evident. Store prepared medium at 2-6°C.

PACKAGING

Cat. No : MB-P0859 PCB (Plate Count Broth) Modified	500 G
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