

Product Name : Plate Count Skim Milk Agar

A non-selective medium for the enumeration of viable organisms in milk and dairy products.

TYPICAL FORMULA (G/L)

Peptones 8.0
Glucose 1.0
Skim Milk 1.0
Agar 13.0
Final pH = 7.0 ± 0.2 at 25 °C

DIRECTIONS

Suspend 23.0 G in 1 L of distilled water and boil to dissolve the medium completely. Sterilize by autoclaving at 121 °C for 15 minutes. Dispense in final containers.

DESCRIPTION

Plate Count Skim Milk Agar is for the enumeration of viable organisms in milk and dairy products.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

Prepared medium

Appearance: clear to slightly opalescent.

Color: amber.

Incubation conditions: 35 ± 2°C / 18-24 hours.

Microorganism	ATCC	Growth
<i>Escherichia coli</i>	25922	good
<i>Staphylococcus aureus</i>	25923	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 deterioration or contamination are evident. Store prepared medium at 2-6°C.

REFERENCES

APHA (1985) Standard Methods for the Examination of Dairy Products, 15rd ed. New York.

PACKAGING

Cat. No : MB-P2227 Plate Count Skim Milk Agar	500 G
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