Product Name : SC Agar

Medium for the isolation and cultivation of *Actinomycetes* spp..

TYPICAL FORMULA (G/L)

Soluble Starch 10.0
Casein Acid Hydrolysate Vitamin Free 0.3
Potassium Nitrate 2.0
Sodium Chloride 2.0
Dipotassium Phosphate 2.0
Magnesium Sulfate Heptahydrate 0.05
Calcium Carbonate 0.02
Ferrous Sulfate Heptahydrate 0.01
Agar 20.0
Final pH = 7.0 ± 0.2 at 25°C.

DIRECTIONS

Suspend 36.38 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize in the autoclave at 121°C for 15 minutes. Cool to 45-50°C. Dispense into petri dishes.

DESCRIPTION

SC Agar is used for the isolation and cultivation of *Actinomycetes* spp..

QUALITY CONTROL

Dehydrated medium
Appearance: free-flowing, homogeneous.
Color: light beige.
Prepared medium
Appearance: opalescent.
Color: colorless to light amber.
Incubation conditions: 30 ± 2°C / 18-24 hours up to 7 days.

Microorganism	ATCC	Growth
Streptomyces albus	3004	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

1. R.D.S. Nwachukwu, I.A. Ekwealor. (2009) African Journal of Microbiology Research. Vol. 3(9) pp. 478-481.

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PACKAGING

Cat. No : MB-S0783 SC Agar	500 G

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