

BI005 Agar Agar – Plant Tissue Culture Grade

Specifications

Appearance : Pale Cream to light yellow coloured homogeneous free flowing powder

Clarity (1.5% solution) : Clear to slight opalescent gel

pH (1% solution) : 5.5 – 7.0

Moisture : NMT 12 %

Gelling Temperature: 35-40⁰c

Microbial Load:(CFU/g)

Total aerobic microbial count by plate method when incubated at 30-35 ⁰c for 48 hours

Bacterial count :NMT 5000

Total Yeast and mold count by plate method when incubated at 20-25 ⁰c for 120 hours

Yeast and mold count :NMT 250

Test for specific organisms

E.coli : Absent

Salmonella species : Absent

Pseudomonas aeruginosa : Absent

Staphylococcus aureus : Absent

Applications:

As solidifying agent in Microbiological culture media at concentrations:

For routine media – 1.2.to 1.7%

For softer media –0.5%

For semisolid media – 0.15%

For inhibition of Proteus spp. – 2.0 %

Precaution

1. For Laboratory Use
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

Storage : Below 30⁰c in cool, dry place.

Packing : 500g