BI002   **Agar Powder (Bacteriological)**

Specifications
Appearance: Pale cream to cream coloured homogeneous free flowing powder
Clarity (1.5% solution): Clear to slight opalescent gel
pH (1.5% solution)   **:** 6.5 – 7.5
Moisture   **:** NMT 9.0%
Gelling Temperature: 35-38^{0}c

Microbial Load:(CFU/g)

Total aerobic microbial count by plate method when incubated at 30-35^{0}c for 48 hours
Bacterial count   : NMT 5000

Total Yeast and mold count by plate method when incubated at 20-25^{0}c 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 30^{0}c in cool, dry place.

Packing   **:**500g