

BI741	Agar Powder (Superfine)
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:	35-40 ⁰ c
Microbial Load:(CFU/g)	
Total aerobic microbial count by plate method when incubated at 30-35 ⁰ c 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	: 500 g