

<b>BI005</b>	<b>Agar Agar – Plant Tissue Culture Grade</b>
<b>Specifications</b>	
<b>Appearance</b>	: Pale Cream to light yellow coloured homogeneous free flowing powder
<b>Clarity (1.5% solution)</b>	: Clear to slight opalescent gel
<b>pH (1% solution)</b>	: 5.5 – 7.0
<b>Moisture</b>	: NMT 12 %
<b>Gelling Temperature:</b> 35-40 <sup>0</sup> c	
<b>Microbial Load:(CFU/g)</b>	
Total aerobic microbial count by plate method when incubated at 30-35 <sup>0</sup> c for 48 hours	
<b>Bacterial count</b>	:NMT 5000
Total Yeast and mold count by plate method when incubated at 20-25 <sup>0</sup> c for 120 hours	
<b>Yeast and mold count</b>	:NMT 250
<b>Test for specific organisms</b>	
E.coli	: Absent
Salmonella species	: Absent
Pseudomonas aeruginosa	: Absent
Staphylococcus aureus	: Absent
<b>Applications:</b>	
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 %	
<b>Precaution</b>	
1. For Laboratory Use	
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.	
<b>Storage</b>	: Below 30 <sup>0</sup> c in cool, dry place.
<b>Packing</b>	: 500g

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARK LABORATORIES publications.

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