

Product Specification Sheet



Product Code : BIO-4020

Identifier : American Bacteriological Agar

Grade : Bacterial Culture Media

Appearance : Fine yellow-tan powder

Molecular Formula : Not Applicable

Molecular Weight : Not Applicable

Product Description : Gelling agent selected for solidifying the microbiological culture media.

Storage Condition : Store at room temperature. Protect from moisture.

<u>Assay:</u>	<u>Specification:</u>
Melting Point (1.5%)	83 – 89 °C
Gelling Point (1.5%)	32 – 39 °C
Gel Strength (<i>Nikan</i>)	700 ± 50 g/cm ²
Dissolution time (at 100 °C)	1.00 min
Turbidity	< 7 NTU
pH (1.5% Solution; 25 °C)	5.7 – 7.0
Particle Size	< 0.45 mm
Loss on Drying (w/w)	< 8.0 %
Residue on Ignition (w/w)	< 6.5 %
Acid Insoluble Ash (w/w)	< 0.03 %

<u>Microbiological Analysis:</u>	<u>Specification:</u>
Total Aerobic Microbial Count	< 1000 cfu/g
Coliforms	< 10 cfu/g
Moulds and Yeast	< 500 cfu/g

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