BACTERIOLOGICAL AGAR

Bacteriological agar is a gelling agent used in the preparation of culture media and other bacteriological applications. Its main advantage is the absence of inhibitors that could hinder optimal development of micro-organisms. In addition, bacteriological agar also possesses other attributes such as transparency, high hysteresis and very reliable reproducibility.

Code number:	500 g: BAA10500, 1000 g: BAA11000
Colour:	Cream
Appearance:	Fine powder

Physico-chemical characteristics

Parameter	Specification
pH after autoclaving (1,5% solution - 25 °C)	6,0 - 7,5
Turbidity after autoclaving (NTU)	5,0 – 10,0
Gel strength after autoclaving (g/cm^2)	> 800,0
Particle size (over sieve 60 mesh - %)	> 95,0
Gelling point (°C)	< 37,0
Melting point (°C)	> 85,0
Loss on drying (%)	< 12,0
Total ashes (%)	< 5,0
Toxic subtances	Absence

Microbiological characteristics

Parameter	Specification
Total aerobic microbial count	< 10.000 cfu/g
Yeasts and moulds	< 1.000 cfu/g
Coliforms	absent
Salmonella spp.	absent

Storage conditions: Protected from light, at room temperature.

Warning!
Hygroscopic product. Avoid heat and moisture.

In vitro diagnostic raw material – for professional use only!