

## 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)	5,5 - 7,0
Turbidity after autoclaving (NTU)	4,0 - 5,0
Gel strength after autoclaving (g/cm <sup>2</sup> )	> 900
Particle size (over sieve 60 mesh - %)	> 95
Gelling point (°C)	< 35
Melting point (°C)	> 85
Loss on drying (%)	< 10
Total ashes (%)	< 5
Arsenic (ppm)	< 3
Lead (ppm)	< 5
Mercury (ppm)	< 1
Cadmium (ppm)	< 1
Heavy metals(ppm)	< 20

### Microbiological characteristics

Parameter	Specification
Total aerobic microbial count	< 10.000 cfu/g
Yeasts and moulds	< 1.000 cfu/g
Coliforms	absent
<i>Salmonella</i> 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!**