

# Quality control certificate



## European Bacteriological Agar

N° Cat: 1800

N° Batch: A01254

Re-test Date: 3/2024

### Physical-chemical characteristics

Description	Specification	Results
Loss on drying	<=12%	8,5%
Ash	<=5%	4,3%
Gel strength (Nikan method at 1,5% at 20°C)	800-1100 g/cm2	
pH (1.5%) before autoclaving	6,0-7,5	7,3
pH (1.5%) after autoclaving	6,0-7,5	7,3
Melting point (1.5%)	85 - 90 °C	88,8 °C
Turbidity before autoclaving (1,5%)	<=8NTU	4,4
Particle size	>95 % 60 mesh	>95%
Gelling point (1.5%)	34 - 38 °C	35 °C
Colorimetry before autoclaving (450 mm)	<=0,25	0,134
Colorimetry after autoclaving (450 mm)	<=0,30	0,143
Turbidity after autoclaving (1,5 %)	<=8NTU	3,8
Appearance	Normal	Normal
Arsenic	<3 ppm	<3 ppm
Lead	<5 ppm	< 5 ppm
Mercury	<1 ppm	<1 ppm
Cadmium	<1 ppm	<1 ppm
Gel strength before autoclaving (Nikan method at 1,5% at 20°C)		890 g/cm2
Gel strength after autoclaving (Nikan method at 1,5% at 20°C)		920 g/cm2

This certificate is an electronic copy of the certificate available in our laboratory and does not require signature.