

Quality control certificate



European Bacteriological Agar

N° Cat: 1800

N° Batch: A01512

Re-test Date: 1/2025

Physical-chemical characteristics

Description	Specification	Results
Loss on drying	<=12%	8,5%
Ash	<=5%	3,7%
pH (1.5%) before autoclaving	6,0-7,5	7,4
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	4,9 NTU
Particle size	>95 % 60 mesh	>95%
Gelling point (1.5%)	34 - 38 °C	35,1 °C
Colorimetry before autoclaving (450 nm)	<=0,25	0,135
Colorimetry after autoclaving (450 nm)	<=0,30	0,161
Turbidity after autoclaving (1,5 %)	<=8NTU	4,0 NTU
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)	800-1100 g/cm2	900 g/cm2
Gel strength after autoclaving (Nikan method at 1,5% at 20°C)	800-1100 g/cm2	880 g/cm2

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