

Quality control certificate



European Bacteriological Agar

N° Cat: 1800

N° Lote: A01108

Re-test Date: 9/2023

Physical-chemical characteristics

Description	Specification	Results
Loss on drying	<=12%	9,2%
Ash	<=5%	3,4%
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	7,2
Melting point (1.5%)	85 - 90 °C	88,8
Turbidity before autoclaving (1,5%)	<=8NTU	4,6
Particle size	>95 % 60 mesh	Conform
Gelling point (1.5%)	34 - 38 °C	35,5°C
Colorimetry before autoclaving (450 mm)	<=0,25	0,165
Colorimetry after autoclaving (450 mm)	<=0,30	0,187
Turbidity after autoclaving (1,5 %)	<=8NTU	4,4
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)		960 g/cm2
Gel strength after autoclaving (Nikan method at 1,5% at 20°C)		940 g/cm2

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