

## CERTIFICATE OF ANALYSIS

**PRODUCT: EUROPEAN BACTERIOLOGICAL AGAR**

**CAT N°: MM-M-N800**

**BATCH: A02199**

**RE-TEST DATE: 03/2027**

We hereby certify that the above mentioned culture medium, has been approved by the Quality Control Laboratory.

## PHYSICAL AND CHEMICAL TEST

<b>Description</b>	<b>Specification</b>	<b>Results</b>
Loss on drying	<=12%	7.9%
Ash	<=5%	4.1%
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 °C
Turbidity before autoclaving (1.5%)	<=8NTU	3.1 NTU
Particle size	>95 % 60 mesh	>95% Pass
Gelling point (1.5%)	34 - 38 °C	34.8 °C
Colorimetry before autoclaving (450 mm)	<=0.25	0.156
Colorimetry after autoclaving (450 mm)	<=0.30	0.166
Turbidity after autoclaving (1.5 %)	<=8NTU	2.8 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/cm <sup>2</sup>	870 g/cm <sup>2</sup>
Gel strength after autoclaving (Nikan method at 1.5% at 20°C)	800-1100 g/cm <sup>2</sup>	880 g/cm <sup>2</sup>

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