

## QUALITY CONTROL CERTIFICATE

**PRODUCT:** EUROPEAN BACTERIOLOGICAL AGAR

**CAT N°:** 1800

**LOT N°:** A00396

**EXPIRY DATE:** 2021/05

**QC Date:** 2017/05/12

We hereby certify that the above mentioned agar has been approved by the Quality Control Laboratory..

### CHEMICAL CHARACTERISTICS

Appearance:.....Normal      Color:..... Cream

Particle Size (A.S.T.M.)	
Over sieve- 20	
Over sieve- 40	
Over sieve- 60	95%
Loss on drying	9.3 %
Ashes	3.8 %
Arsenic Max.	3 p.p.m
Lead Max.	5 p.p.m
Mercury Max.	1 p.p.m
Cadmiun Max.	1 p.p.m
Total heavy metals "	20 p.p.m

	1.5% SOLUTION	
	Before Autoclaving	After Autoclaving
Turbidity NTU	4.9	4.1
pH in gel	7.4	7.2

COLORIMETRY		
n m u 450	0.187	0.2

Gel strength (Nikan)	880 g/cm <sup>2</sup>	850 g/cm <sup>2</sup>
Gel point		35 °C
Melting point		88.8 °C

**Laboratory result: *Satisfactory***

Carmen Ramirez, QC Manager

