



## CERTIFICATE OF ANALYSIS

Product Name : AVagar™ Bacteriological Agar  
CAS Number: 9002-18-0  
Catalog Number: R9002  
Batch Number: 1911018  
Report Date: November 26<sup>th</sup>, 2019  
Shelf Life: Three years from above Report Date

TEST	SPECIFICATION	RESULT
Appearance:	White to yellowish-cream to beige powder	Pass
Ash	≤ 6.5%	0.58%
Loss on drying	≤ 12%	4.4%
Gel strength (1.5% Gel)	550-950 g/cm <sup>2</sup>	930 g/cm <sup>2</sup>
Gelling point (1.5% Gel)	32-38°C	36.5°C
Melting point (1.5% Gel)	80-90°C	88.5°C
Heavy Metals	≤0.002%	Pass
PH (1.5 % sol., 60°C)	6.0-7.5	6.5
Solubility (Boiling Water)	Pass	Pass
Turbidity (NTU, 60°C)	≤40	28.5
Pass through 60 mesh	≥90%	Pass