



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

Product:	Agar (micro agar)	
Code No:	BIO-017	
CAS No:	9002-18-0	
Batch No:	467542	
Colour:	Cream	
Granulometry (A.S.T.M)		
Over sieve 60:	>95% Pass	
Moisture:	10.0%	
Ashes:	3.6%	
Arsenic:	<3ppm	
Lead:	<5ppm	
Mercury:	<1ppm	
Cadmium:	<1ppm	
Total heavy metals:	<20ppm	
1.5% solution	Before autoclaving	After autoclaving
Turbidity NTU:	3.8	3.7
pH in gel:	6.9	6.7
Colorimetry (Absorbance)		
n m u 450	0.186	0.2
Gel strength (Nikan):	940g/cm <sup>2</sup>	940g/cm <sup>2</sup>
Gel Point:	35.1°C	
Melting Point:	88.9°C	

Prepared by:

*Ramesh Mandadi*

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Director of Operations

Reviewed and approved by:

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VP