



## CERTIFICATE OF ANALYSIS

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Product	Agar-A
Product Code	FB0010
Lot	

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Test Items	Specifications	Results
Appearance	White to light cream powder	
Particle Size	95% passes 60 mesh sieve	
Moisture	12% or less	
Ash	6.5% or less	
Heavy Metals	≤20 ppm	
Arsenic	≤3 ppm	
Lead	≤5 ppm	
Mercury	≤1 ppm	
Cadmium	≤1 ppm	
pH in Gel	6.0-7.5 (1.5% sol)	
Turbidity	6 NTU or less (Hach, 1.5% sol)	
Colorimetry	(n m u 450)	
Gel Strength	600-900 g/cm <sup>2</sup> (Nikan, 1.5% sol)	
Gel Point	32-38°C (1.5% sol)	
Melting Point	80-90°C (1.5% sol)	
<i>Microbiological Analysis</i>		
Total Plate Count	<5000/g	
Coliforms	Absent	
<i>Staphylococci</i>	Absent	
<i>Salmonella</i>	Absent	

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Storage: R.T. Protect from moisture