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# Certificate of Analysis

**Product** **95514 - EMB Agar**  
**Batch No** **1806334**  
**Analysis Date** 08-Jun-2024  
**Date of Manufacture** June 2024  
**Expiry Date/Re-Test Date** June 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pinkish purple	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	35.96 gm/liter	Complies
Solubility before autoclaving (Clarity)	Opalescent, with a uniform precipitate	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.2 ± 0.2	7.33 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Opalescent, with finely dispersed precipitate	Complies
Prepared Medium Appearance after autoclaving (Colour)	Purple w/green orange cast	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Blue- black w/dark centers with green metallic sheen	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Pink without sheen	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Colourless	Complies
Organism	Klebsiella pneumoniae ATCC 13883	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Pink mucoid	Complies
Organism	Proteus mirabilis ATCC 25933	

FRM/82/11/3/95514 Rev No. 1 Date 27/03/2023

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/2

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Test Parameters	Standards	Actual Results
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony colour : Colourless	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Partially inhibited Colony colour : Colourless	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Inhibited	Complies

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