

HiMedia Laboratories Private Limited

C-40, Road No.21Y, MIDC, Wagle Industrial Area,
Thane(W) - 400604 , Website : www.himedialabs.com,
Email : info@himedialabs.com

Certificate of Analysis, Quality and Conformity

Material Code : M317	Material Name : EMB Agar	Lot No : 0000585172
Report No.: 40001357586	Date of Release & Report : 2023-05-24	Expiry Date : 2028-03

Appearance

Light pink to purple homogeneous free flowing powder. Observed : Light pink

Gelling

Firm, comparable with 1.35% Agar gel.

Colour and Clarity of prepared medium

Reddish purple coloured, opalescent gel with greenish cast and finely dispersed precipitate forms in Petri plates

Reaction

Reaction of 3.6% w/v aqueous solution at 25°C.

pH

pH Range :7.00-7.40 Observed : 7.32

Cultural Response

Cultural characteristics observed after an incubation at 35 - 37°C for 18 - 24 hours

Organism	Inoculum (CFU)	Growth	Recovery	Colour of colony
Cultural Response				
<i>Enterobacter aerogenes</i> ATCC 13048 (WDCM 00175)	50-100	good	40-50%	pink, without sheen
<i>Escherichia coli</i> ATCC 25922 (WDCM 00013)	50-100	luxuriant	>=50%	purple with black centre and green metallic sheen
<i>Klebsiella pneumoniae</i> ATCC 13883 (WDCM 00097)	50-100	good	40- 50%	pink, mucoid
<i>Proteus mirabilis</i> ATCC 25933	50-100	luxuriant	>=50%	colourless
<i>Salmonella enterica</i> serovar Typhimurium ATCC 14028 (WDCM 00031)	50-100	luxuriant	>=50%	colourless
<i>Staphylococcus aureus</i> ATCC 25923 (WDCM 00034)	>=10 ⁴	inhibited	0%	-

- . ATCC is a registered trade mark of the American Type Culture Collection
- . NCTC and National Collection of Type Culture are registered trade mark of the Health Protection Agency

Control Media :

- . For Bacteria : Soyabean Casein Digest Agar / Columbia Blood Agar base enriched with 5% v/v Sheep/Horse blood.
- . For Yeast & Mold : Sabouraud Dextrose Agar.

- . All ISO 11133 : 2014/Amd.1:2018(E) control strains are included in the Quality parameter
- . HiMedia Laboratories Pvt Ltd is Certified for ISO 9001:2015, ISO 13485:2016 , WHO GMP

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. Information for BSE/TSE Risk: The material was subjected to pH \leq 7.0 and/or a temperature in excess of 75°C for no less than 2 hours during the manufacturing process. The bovine raw material for this product was collected entirely from Indian Origin animals in a licensed based establishment. The animals are inspected under a Govt. approved veterinarian's supervision and were apparently free from infectious and contagious diseases. BSE (Bovine Spongiform Encephalopathy)/ TSE (Transmissible Spongiform Encephalopathy) and dioxine are not known to exist in India. This material does not contain, nor is derived from the specific risks material as defined in The Maharashtra Animal Preservation Act Govt. of Maharashtra, India.

STATUS OF THE MATERIAL : APPROVED

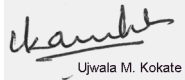
This is to certify that this lot passes and it confirms to the above mentioned tests and specifications . The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current HiMedia manual or product sheets. The results reported were obtained at the time of release.

This document has been produced electronically and is valid



Prachi Ratnakar

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Microbiologist**



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2023-05-24