

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 : M1147 | Material Name : XLT4 Agar Base | Lot No : 0000647610 |
| Report No.: 40001477660 | Date of Release & Report : 2024-06-01 | Expiry Date : 2028-04 |

Appearance

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

Gelling

Firm, comparable with 1.8% Agar gel.

Colour and Clarity of prepared medium

Red coloured clear to slightly opalescent gel forms in Petri plates.

Reaction

Reaction of 5.9% w/v aqueous solution at 25°C.

pH

pH Range :7.20-7.60 Observed : 7.51

Cultural Response

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours with added XLT4 Supplement(FD152).

| Organism | Inoculum (CFU) | Growth | Recovery | Colour of colony |
|--|----------------|----------------|-------------|------------------------|
| Cultural Response | | | | |
| <i>Enterococcus faecalis</i> ATCC 29212 (WDCM 00087) | $\geq 10^4$ | inhibited | 0% | - |
| <i>Escherichia coli</i> ATCC 25922 (WDCM 00013) | 50-100 | fair-good | 30-40% | Yellow |
| <i>Salmonella enterica</i> serovar Enteritidis ATCC 13076 (WDCM 00030) | 50-100 | good-luxuriant | $\geq 50\%$ | red with black centers |
| <i>Salmonella enterica</i> serovar Typhimurium ATCC 14028 (WDCM 00031) | 50-100 | good-luxuriant | $\geq 50\%$ | red with black centers |
| <i>Staphylococcus aureus</i> ATCC 25923 (WDCM 00034) | $\geq 10^4$ | inhibited | 0% | - |
| <i>Proteus mirabilis</i> ATCC 25933 | 50-100 | none-poor | $\leq 10\%$ | - |

- . 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.

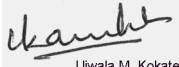
STATUS OF THE MATERIAL : APPROVED

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


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2024-06-01