

**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**

|                                |  |                              |
|--------------------------------|--|------------------------------|
| <b>Material Code : M031</b>    | <b>Material Name :</b><br>Xylose Lysine Deoxycholate Agar (XLD Agar) | <b>Lot No : 000630343</b>    |
| <b>Report No.: 40001442407</b> | <b>Date of Release &amp; Report : 2024-02-17</b>                     | <b>Expiry Date : 2028-01</b> |

**Appearance**

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

**Gelling**

Firm, comparable with 1.5% Agar gel

**Colour and Clarity of prepared medium**

Red coloured clear to slightly opalescent gel forms in Petri plates

**Reaction**

Reaction of 5.67% w/v aqueous solution at 25°C.

**pH**

pH Range :7.20-7.60 Observed : 7.59

**Cultural Response**

Cultural response was observed after an incubation at 35-37°C for specified time. Recovery rate is considered as 100% for bacteria growth on Soyabean Casein Digest Agar.

| Organism   | Inoculum (CFU) | Growth         | Observed Lot value (CFU) | Recovery | Colour of Colony        | Incubation temperature | Incubation period |
|--|----------------|----------------|--------------------------|----------|-------------------------|------------------------|-------------------|
| <b>Cultural Response</b>   |                |                |                          |          |                         |                        |                   |
| <i>Salmonella enterica serovar Typhimurium ATCC 14028 (WDCM 00031)</i> | 83             | luxuriant      | 78                       | 93%      | red with black centres  | 37°C                   | 18Hours           |
| <i>Salmonella enterica serovar Abony NCTC 6017 (WDCM 00029)</i>        | 86             | good-luxuriant | 80                       | 93%      | red with black centres  | 37°C                   | 18Hours           |
| <i>Escherichia coli ATCC 8739 (WDCM 00012)</i>                         | 80             | fair           | 22                       | 27%      | yellow                  | 37°C                   | 18Hours           |
| <i>Escherichia coli ATCC 25922 (WDCM 00013)</i>                        | 82             | fair           | 25                       | 30%      | yellow                  | 37°C                   | 18Hours           |
| <i>Escherichia coli NCTC 9002</i>                                      | 83             | fair           | 21                       | 25%      | yellow                  | 37°C                   | 18Hours           |
| <i>Proteus hauseri ATCC 13315</i>                                      | 82             | good-luxuriant | 72                       | 87%      | grey with black centres | 37°C                   | 18Hours           |
| <i>Salmonella enterica serovar Paratyphi-A ATCC 9150</i>               | 82             | good-luxuriant | 75                       | 91%      | red                     | 37°C                   | 18Hours           |
| <i>Salmonella enterica serovar Paratyphi-B ATCC 8759</i>               | 81             | good-luxuriant | 76                       | 93%      | red with black centres  | 37°C                   | 18Hours           |
|  |                |                |                          |          |                         |                        |                   |

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| <b>Material Code : M031</b>    | <b>Material Name :</b><br>Xylose Lysine Deoxycholate Agar (XLD Agar) | <b>Lot No : 0000630343</b>   |
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|  |                   |                |    |     |                        |      |         |
|--|-------------------|----------------|----|-----|------------------------|------|---------|
| <i>Salmonella enterica serovar Enteritidis ATCC 13076 (WDCM 00030)</i> | 78                | good-luxuriant | 72 | 92% | red with black centres | 37°C | 18Hours |
| <i>Salmonella enterica serovar Typhi ATCC 6539</i>                     | 79                | good-luxuriant | 70 | 88% | red with black centres | 37°C | 18Hours |
| <i>Shigella dysenteriae ATCC 13313</i>                                 | 80                | good-luxuriant | 75 | 93% | red                    | 37°C | 18Hours |
| <i>Shigella flexneri ATCC 12022 (WDCM 00126)</i>                       | 84                | fair-good      | 27 | 32% | red                    | 37°C | 18Hours |
| <i>Shigella sonnei ATCC 25931</i>                                      | 79                | fair-good      | 31 | 39% | red                    | 37°C | 18Hours |
| <i>Enterobacter aerogenes ATCC 13048 (WDCM 00175)</i>                  | 83                | fair           | 22 | 26% | yellow                 | 37°C | 18Hours |
| <i>Enterobacter cloacae ATCC 13047 (WDCM 00083)</i>                    | 83                | fair           | 24 | 28% | yellow                 | 37°C | 18Hours |
| <i>Staphylococcus aureus ATCC 25923 (WDCM 00034)</i>                   | >=10 <sup>4</sup> | inhibited      | 0  | 0%  | -                      | 37°C | 72Hours |
| <i>Staphylococcus aureus ATCC 6538 (WDCM 00032)</i>                    | >=10 <sup>4</sup> | inhibited      | 0  | 0%  | -                      | 37°C | 72Hours |
| <i>Enterococcus faecalis ATCC 29212 (WDCM 00087)</i>                   | >=10 <sup>4</sup> | inhibited      | 0  | 0%  | -                      | 37°C | 72Hours |

- . 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

. Information for BSE/TSE Risk: The material was subjected to pH <= 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.

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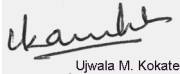
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2024-02-17