

**HiMedia Laboratories Private Limited**

23, Vadhani Industrial Estate, L.B.S. Marg,  
Mumbai - 400086 , Website : www.himedialabs.com,  
Email : info@himedialabs.com

**Certificate of Analysis, Quality and Conformity**

|                                 |  |                              |
|---------------------------------|--|------------------------------|
| <b>Material Code : M001</b>     | <b>Material Name :<br/>Nutrient Agar</b>         | <b>Lot No : 0000415039</b>   |
| <b>Report No.: 040000979611</b> | <b>Date of Release &amp; Report : 2019-12-19</b> | <b>Expiry Date : 2024-11</b> |

**Appearance**

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

**Gelling**

Firm, comparable with 1.5% Agar gel

**Colour and Clarity of prepared medium**

Light yellow coloured clear to slightly opalescent gel forms in Petri plates

**Reaction**

Reaction of 2.8% 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- 48 hours.

| Organism   | Inoculum (CFU) | Growth         | Lot value (CFU) | Recovery |
|--|----------------|----------------|-----------------|----------|
| <b>Cultural Response</b>                               |                |                |                 |          |
| <i>Escherichia coli</i> ATCC 25922 (WDCM 00013)        | 82             | Good-luxuriant | 77              | 93%      |
| <i>Pseudomonas aeruginosa</i> ATCC 27853 (WDCM 00025)  | 83             | Good-luxuriant | 77              | 92%      |
| <i>Salmonella enterica</i> serovar Typhi ATCC 6539     | 89             | Good-luxuriant | 81              | 91%      |
| <i>Staphylococcus aureus</i> ATCC 25923 (WDCM 00034)   | 80             | Good-luxuriant | 76              | 95%      |
| <i>Streptococcus pyogenes</i> ATCC 19615               | 83             | Good-luxuriant | 77              | 92%      |
| <i>Salmonella Enteritidis</i> ATCC 13076 (WDCM 00030)  | 81             | Good-luxuriant | 77              | 95%      |
| <i>Salmonella Typhimurium</i> ATCC 14028 (WDCM 00031)  | 84             | Good-luxuriant | 76              | 90%      |
| <i>Yersinia enterocolitica</i> ATCC 9610 (WDCM 00038)  | 81             | Good-luxuriant | 79              | 97%      |
| <i>Yersinia enterocolitica</i> ATCC 23715 (WDCM 00160) | 80             | Good-luxuriant | 76              | 95%      |

- . 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 :

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- . 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  $\leq$  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

**Microbiologist/Sr.Executive  
Microbiologist**

  
Ujwala M. Kokate

**Asst./Dy/QC Manager**

  
Dr. Santosh Kaul

**Dy/QA Manager**

**2019-12-19**