

HiMedia Laboratories Private Limited
QC Microbiology Laboratory

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 Thane(W) - 400604 , Website : www.himedialabs.com,
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Certificate of Analysis, Quality and Conformity

Material Code : M1852I ULR-TC1452024000000050F	Material Name : Iron Sulphite Agar Modified	Lot No : 0000674011 Expiry Date : 2029-10
Report No.: 40001532236	Date of Release & Report : 2024-11-18	Date of Receipt & Testing : 2024-11-16

Appearance

Light yellow to brownish yellow homogeneous free flowing powder.

Observed : Light yellow

Test method : MT-134

Colour and Clarity of prepared medium

Yellow coloured slightly opalescent gel forms in Petri plates

Test method : MT-02

Reaction

Reaction of 4.15% w/v aqueous solution at 25°C.

Test method : MT-03

pH

pH Range :7.40-7.80 Observed : 7.70

Test method : MT-03

Cultural Response

Test method : MT-87

Productivity

Cultural characteristics observed under anaerobic atmosphere, after an incubation at 37± 1°C for 24 ± 3h to 48± 2h. Recovery rate is considered as 100% for bacteria growth on Reference medium- Soyabean Casein Digest Agar (Tryptone Soya Agar)

Specificity

Cultural characteristic observed after an incubation at 37 ± 1° C for 24 ± 3 hours to 48 ± 2 hours.

Organism	Inoculum (CFU)	Growth	Recovery	Characteristic reaction
Productivity				
<i>Clostridium perfringens</i> ATCC 13124 (WDCM 00007)	50-100	luxuriant	≥50%	black colonies
<i>Clostridium perfringens</i> ATCC 12916 (WDCM 00080)	50-100	luxuriant	≥50%	black colonies
Specificity				
<i>Escherichia coli</i> ATCC 25922 (WDCM 00013)	10 ³ -10 ⁴	growth	-	no blackening
<i>Escherichia coli</i> ATCC 8739 (WDCM 00012)	10 ³ -10 ⁴	growth	-	no blackening

- . 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.

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. All ISO 11133 : 2014(E)/Amd.2:2020(E) control strains are included in the Quality parameter

^ HiMedia Laboratories Pvt Ltd (QC Microbiology Laboratory) is accredited for ISO/IEC 17025:2017 by NABL-TC-14520

. 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 : COMPLIES

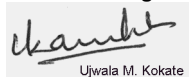
This is to certify that this lot passes and it confirms to the above mentioned tests and specifications . The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the 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

This Certificate shall not be produced , except in full without the prior permission from the head of the department.


Prachi Ratnakar**Microbiologist/Sr.Executive**
Microbiologist

Authorized signatory


Ujwala M. Kokate**Asst./Dy./QC Manager**

Authorized signatory


Dr. Santosh Kaul**QA Manager****2024-11-18**
Revision : 00