

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

Material Code : M118	Material Name : Mannitol Salt Agar Base	Lot No : 0000413964
Report No.: 040000979587	Date of Release & Report : 2019-12-19	Expiry Date : 2024-11

Appearance

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

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 11.1% w/v aqueous solution at 25°C.

pH

pH Range :7.20-7.60 Observed : 7.59

Cultural Response

Cultural characteristics observed after an incubation at 35-37°C for 18- 72 hours. Recovery rate is considered as 100% for bacteria growth on Soybean Casein Digest Agar.

Organism	Inoculum (CFU)	Growth	Observed Lot value (CFU)	Recovery	Colour of colony	Incubation temperature	Incubation period
Cultural Response							
<i>Staphylococcus aureus</i> ATCC 6538 (WDCM 00032)	82	luxuriant	77	94%	yellow/white colonies surrounded by yellow zone	35°C	18Hours
<i>Escherichia coli</i> ATCC 8739 (WDCM 00012)	$\geq 10^4$	inhibited	0	0%	-	35°C	72Hours
<i>Staphylococcus aureus</i> ATCC 25923 (WDCM 00034)	81	luxuriant	76	93%	yellow/white colonies surrounded by yellow zone	35°C	18Hours
<i>Staphylococcus epidermidis</i> ATCC 12228 (WDCM 00036)	87	fair - good	29	33%	red	35°C	18Hours
<i>Staphylococcus epidermidis</i> ATCC 14990 (WDCM 00132)	84	fair - good	27	32%	red	35°C	18Hours
<i>Proteus mirabilis</i> ATCC 12453	82	none-poor	5	6%	yellow	35°C	18Hours
<i>Escherichia coli</i> ATCC 25922 (WDCM 00013)	$\geq 10^4$	inhibited	0	0%	-	35°C	72Hours
<i>Escherichia coli</i> NCTC 9002	$\geq 10^4$	inhibited	0	0%	-	35°C	72Hours

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<i>Enterobacter aerogenes</i> ATCC 13048 (WDCM 00175)	$\geq 10^4$	inhibited	0	0%	-	35°C	72Hours
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- . 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 \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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2019-12-19