

**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 : M1042</b>	<b>Material Name :</b> MUG EC Broth	<b>Lot No : 0000469536</b>
<b>Report No.: 40001096546</b>	<b>Date of Release &amp; Report : 2021-02-16</b>	<b>Expiry Date : 2026-01</b>

**Appearance**

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

**Colour and Clarity of prepared medium**

Yellow coloured clear solution without any precipitate

**Reaction**

Reaction of 3.7% w/v aqueous solution at 25°C.

**pH**

pH Range :6.70-7.10 Observed : 7.03

**Cultural Response**

Cultural characteristics observed after an incubation at 35 - 37°C for 4- 24 hours.

Organism	Inoculum (CFU)	Growth	*Fluorescence (at 366 nm)
<b>Cultural Response</b>			
<i>Escherichia coli</i> ATCC 25922 (WDCM 00013)	50-100	luxuriant	positive, throughout the tube (by adding 0.2N NaOH)
<i>Enterobacter aerogenes</i> ATCC 13048 (WDCM 00175)	50-100	luxuriant	negative
<i>Staphylococcus aureus</i> ATCC 25923 (WDCM 00034)	>=10 <sup>4</sup>	inhibited	-
<i>Salmonella enterica</i> serovar Typhi ATCC 6539	50-100	good	negative
<i>Shigella flexneri</i> ATCC 12022 (WDCM 00126)	50-100	good	Negative

- . 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

- . 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

. Key :\* - Fluorescence can be visualized by addition of NaOH solution or exposure to ammonia fumes.

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

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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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2021-02-16