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Certificate of Analysis

Product **24756 - Mueller Hinton Agar (MH Agar)**
Batch No **4397078**
Analysis Date 08-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Cream	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	39.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.4 ± 0.2	7.40 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Slightly opalescent.	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 -24 hours	
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good Erythromycin 15 mcg Std Zone : 22-30 mm Observed : 22-30 mm	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Good Vancomycin 30 mcg Std. Zone : 17-21 mm, Observed : 17-21 mm	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good Gentamicin 10 mcg Std Zone : 16-21 mm Observed :16 -21 mm	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Chloramphenicol 30 mcg :Std.Zone : 21-27 mm Observed : 21-27 mm	Complies
Key	Perform antibiotic sensitivity tests as per the latest CLSI Protocol and Standards.	

FRM/82/11/3/24756 Rev No. 2 Date 10/10/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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