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# Certificate of Analysis

<b>Product</b>	<b>98664 - MacConkey Sorbitol Agar (Sorbitol Agar)</b>
<b>Batch No</b>	<b>1378283</b>
<b>Analysis Date</b>	18-Mar-2024
<b>Date of Manufacture</b>	March 2024
<b>Expiry Date/Re-Test Date</b>	March 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pinkish beige	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	50.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.1 ± 0.2	7.07 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Purplish red	Complies
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Colony colour : pink w/bile precipitate	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good Colony colour : pink to red	Complies
Organism	Escherichia coli O157:H7 NCTC 29900	
Inoculum (cfu) 10-100	Growth : Good Colony colour : colourless	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Fair to Good Colony colour : colourless	Complies

FRM/82/11/3/98664 Rev No. 1 Date 27/03/2023

Prepared by Shikha

In compliance with the standard specifications of SRL

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

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1/1

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