



# Certificate of Analysis

**Product** **10453 - Plate Count Agar**  
**Batch No** **3035348**  
**Analysis Date** 05-Jun-2024  
**Date of Manufacture** June 2024  
**Expiry Date/Re-Test Date** June 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light cream.	Complies
Appearance (Form)	Free flowing, homogeneous powder.	Complies
Solubility	17.50 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent.	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5 % gel.	Complies
pH (25°C)	7.0 ± 0.2	6.96 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent.	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light 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,Recovery Rate : >=70%	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=70%	Complies
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=70%	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=70%	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=70%	Complies
Organism	Lactobacillus casei ATCC 9595	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=70%	Complies
Organism	Lactobacillus acidophilus ATCC 11506	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=70%	Complies

FRM/82/11/3/10453 Rev No. 2 Date 25/06/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

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

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