

Certificate of Analysis

Product **21699 - Plate Count Agar (ISO Basis)**
Batch No **9515026**
Analysis Date 22-Apr-2025
Date of Manufacture April 2025
Expiry Date/Re-Test Date April 2028

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light biege	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	23.50 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.0 ± 0.2	7.06, Complies
Prepared Medium Appearance (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance (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 : >=70.0%	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Escherichia coli ATCC 25922	

FRM/82/11/3/21699 Rev No. 1 Date 22/01/2022

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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Test Parameters	Standards	Actual Results
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Lactobacillus casei ATCC 9595	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Lactobacillus acidophilus ATCC 11506	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies

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