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Certificate of Analysis

Product **46584 - Mitis Salivaris Agar Base**
Batch No **4537705**
Analysis Date 29-Apr-2024
Date of Manufacture April 2024
Expiry Date/Re-Test Date April 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light yellow to light blue	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	90.07 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.0 ± 0.2	7.18 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Dark blue	Complies
Cultural Response	Inoculate and Incubate at 35 -37°C for 18 - 48 hours	
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >= 50.0% Colony colour : blue-black	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : > =50.0% Colony colour : blue	Complies
Organism	Streptococcus salivarius ATCC 13413	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >= 50.0% Colony colour : blue (gum drop)	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	>=10 ³ Growth : Inhibited	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum	>=10 ³ Growth : Inhibited	Complies

FRM/82/11/3/46584 Rev No. 1 Date 07/03/2024

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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