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## Certificate of Analysis

**Product** **65774 - Brilliant Green Agar**  
**Batch No** **6707324**  
**Analysis Date** 15-Apr-2024  
**Date of Manufacture** April 2024  
**Expiry Date/Re-Test Date** April 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	55.09 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)	6.9 ± 0.2	7.09 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Greenish brown	Complies
Cultural Response	Inoculate and incubate at 37°C for 24 - 48 hours	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50% Colony colour : Pinkish white	Complies
Organism	Salmonella typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Poor- Good Recovery Rate : 30-40% Colony colour : Reddish-pink	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	>=10 <sup>3</sup> , Growth : Poor Recovery Rate : 0-10% Colony colour : Yellow - green	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum	>=10 <sup>3</sup> , Growth : Inhibited	Complies
Organism	Salmonella enteritidis ATCC 13076	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50% Colony colour : Pinkish white	Complies

FRM/82/11/3/65774 Rev No. 1 Date 12/07/2021

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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