



## Certificate of Analysis

<b>Product</b>	<b>14980 - Brilliant Green Agar, Modified (I) (Brilliant Green Agar Base w/ Phosphates)</b>
<b>Batch No</b>	<b>2531777</b>
<b>Analysis Date</b>	09-Mar-2022
<b>Date of Manufacture</b>	March 2022
<b>Expiry Date/Re-Test Date</b>	March 2025

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	52.00 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)	6.9 ± 0.2	6.80, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Orange-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 : Red	Complies
Organism	Proteus vulgaris ATCC 13315	
Inoculum (cfu) 10-100	Growth : None-poor Recovery Rate: <=10% Colony colour : Red	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	Growth: Inhibited Recovery rate : >= 10 <sup>3</sup>	Complies
Organism	Salmonella enteritidis ATCC 13076	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate: >=50% Colony colour : Red	Complies

FRM/82/11/3/14980 Rev No. 1 Date 03/07/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

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

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