



## Certificate of Analysis

<b>Product</b>	<b>39284 - Brilliant Green Sulfa Agar (B.G. Sulpha Agar)</b>	
<b>Batch No</b>	<b>7005561</b>	
<b>Analysis Date</b>	28-Mar-2023	
<b>Date of Manufacture</b>	March 2023	
<b>Expiry Date/Re-Test Date</b>	March 2026	
<b>Test Parameters</b>	<b>Standards</b>	<b>Actual Results</b>
Appearance (Colour)	Pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	59.09 gm/liter	Complies
Solubility before autoclaving (Clarity)	Very slightly to slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	6.9 ± 0.2	7.07, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Greenish brown	Complies
Cultural Response	Inoculate and incubate plates at 35 ± 2°C for 24-48 hours	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : Pink white	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : None - poor Colony colour : Yellow green w/intense yellow - green zone	Complies
Organism	Proteus vulgaris ATCC 13315	
Inoculum (cfu) 10-100	Growth : Inhibited Colony colour : -	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Inhibited Colony colour : -	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Inhibited	Complies
Organism	Salmonella enteritidis ATCC 13076	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate >=50.0% Colony colour : Pink white w/brilliant red zone	Complies