



**SISCO
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Certificate of Analysis

Product 79127 - GN Broth, Hajna
Batch No 5231098
Analysis Date 10-Feb-2024
Date of Manufacture February 2024
Expiry Date/Re-Test Date February 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Off white to light tan.	Complies
Appearance (Form)	Free flowing, homogeneous powder.	Complies
Solubility	39.00 gm/liter.	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent.	Complies
pH (25°C)	7.0 ± 0.2	7.05, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent.	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light amber.	Complies
Cultural Response	Inoculate and incubate at 35 ± 2°C for 18-24 hours. Streak on Mac Conkey agar plates from GN Broth tubes. Incubate plates at 35 ± 2°C for 18-24 hours.	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth in GN Broth : Good Growth on MacConkey agar : Good Colony colour : colourless	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth in GN Broth : Good Growth on MacConkey agar : Good Colony colour : pink to red w/bile precipitate.	Complies
Organism	Proteus mirabilis ATCC 25933	
Inoculum (cfu) 10-100	Growth in GN Broth : Good Growth on MacConkey agar : Good Colony colour : colourless	Complies

FRM/82/11/3/79127 Rev No. 1 Date 16/11/2023

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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Test Parameters	Standards	Actual Results
Organism	Shigella flexneri ATCC 12022	
Inoculum (cfu) 10-100	Growth in GN Broth : Good Growth on MacConkey agar : Good Colony colour : colourless	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth in GN Broth : Good Growth on MacConkey agar : Good Colony colour : colourless	Complies
Organism	Enterococcus faecalis ATCC 19433	
Inoculum (cfu) 10-100	Growth in GN Broth : none -poor Growth on MacConkey agar : none -poor Colony colour : pale pink-red	Complies

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