



Certificate of Analysis

Product	59437 - Simmon`s Citrate Agar
Batch No	5285461
Analysis Date	07-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Mustard yellow	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	24.28 gm/liter	Complies
Solubility before autoclaving (Clarity)	Slightly opalescent	Complies
pH (25°C)	6.9 ± 0.2	6.85 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Forest green	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Medium colour : Blue Citrate utilization : (+ve)	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good Medium colour : Blue Citrate utilization :(+ve)	Complies
Organism	Salmonella enteritidis ATCC 13076	
Inoculum (cfu) 10-100	Growth : Good Medium colour : Blue Citrate utilization : (+ve)	Complies
Organism	Salmonella typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Fair-good Medium colour : Green Citrate utilization : (-ve)	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	>=10 ³ , Growth : Inhibited	Complies
Organism	Shigella dysenteriae ATCC 13313	

FRM/82/11/3/59437 Rev No. 1 Date 13/03/2022

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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RESEARCH
LABORATORIES
PVT. LTD.**

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Inoculum	$\geq 10^3$, Growth : Inhibited	Complies

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