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PVT. LTD.**

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Certificate of Analysis

Product **57309 - SIM Medium BioVeg**
Batch No **1648481**
Analysis Date 30-Jan-2024
Date of Manufacture January 2024
Expiry Date/Re-Test Date January 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Creamish tan	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	30.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
pH (25°C)	7.3 ± 0.2	7.20, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Medium amber	Complies
Cultural Response	Inoculate (isolated colony) the tubes by stabbing the butt to the center through 2/3 rds of the medium with the following and incubate at 37°C for 18 -24 hours After 24 hours of incubation observe the tubes for growth,motility,hydrogen sulphide (H2S) production and indole production by addition of 3 - 4 drops of Kovacs reagent.	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Motility : (+) Indole : (+) H2S : (-)	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Motility :(+) Indole : (-) H2S : (+)	Complies
Organism	Salmonella typhi ATCC 6539	

FRM/82/11/3/57309 Rev No. 1 Date 19/12/2021

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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Test Parameters	Standards	Actual Results
Inoculum (cfu) 10-100	Growth : Good Motility : + Indole : - H2S : +	Complies
Organism	Shigella flexneri ATCC 12022	
Inoculum (cfu) 10-100	Growth : Good Motility : (-) Indole : (-) H2S : (-)	Complies
Organism	Klebsiella pneumoniae ATCC 13883	
Inoculum (cfu) 10-100	Growth : Good Motility : (-) Indole : (-) H2S : (-)	Complies
Key	(+) Motility : is observed as diffused growth outward from the stab line or turbidity of the medium. (+) H2S : is observed by blackening of the medium or along the stab line. (+) Indole : is indicated by a red colour after addition of Kovacs Reagent.	

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