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## Certificate of Analysis

**Product** **69309 - Triple Sugar Iron Agar BioVeg**  
**Batch No** **5007239**  
**Analysis Date** 16-Aug-2023  
**Date of Manufacture** August 2023  
**Expiry Date/Re-Test Date** August 2026

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	64.62 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
pH (25°C)	7.4 ± 0.2	7.35, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent without any precipitate	Complies
Prepared Medium Appearance after autoclaving (Colour)	Pinkish red	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Slant : A Butt : A Gas : (+) ve H2S : (-) ve	
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good Slant : A Butt : A Gas : (+) ve H2S : (-) ve	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Slant : K Butt : A Gas : (+) ve H2S : (+) ve	Complies

FRM/82/11/3/69309 Rev No. 2 Date 06/03/2022

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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Test Parameters	Standards	Actual Results
Organism	Klebsiella pneumoniae ATCC 13883	
Inoculum (cfu) 10-100	Growth : Good Slant : A Butt : A Gas : (+) ve H2S : (-) ve	Complies
Organism	Proteus vulgaris ATCC 13315	
Inoculum (cfu) 10-100	Growth : Good Slant : K Butt : A Gas : (-)ve H2S : (+)ve	Complies
Organism	Shigella flexneri ATCC 12022	
Inoculum (cfu) 10-100	Growth : Good Slant : K Butt : A Gas : (-)ve H2S : (-)ve	Complies
Organism	Salmonella typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Good Slant : K Butt : A Gas : (-)ve H2S : (+)ve	Complies
Key	A = acidic, yellow; K = alkaline, no change; Gas = (+) splitting and cracking of the medium, Gas = (-) no splits, cracks or bubbles, H2S = (+) black precipitate; H2S = (-) no black precipitate	

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