



Certificate of Analysis

Product **33943 - Kligler Iron Agar**
Batch No **9013275**
Analysis Date 19-Jan-2022
Date of Manufacture January 2022
Expiry Date/Re-Test Date January 2025

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	57.52 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
pH (25°C)	7.4 ± 0.2	7.40, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	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 : Acidic, yellowing of medium Butt : Acidic, yellowing of medium Gas : +ve H ₂ S : -ve	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good Slant : Acidic, yellowing of medium Butt : Acidic, yellowing of medium Gas : +ve H ₂ S : -ve	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Slant : Alkaline, red colouring of medium Butt : Acidic, yellowing of medium Gas : +ve H ₂ S : +ve	Complies
Organism	Klebsiella pneumoniae ATCC 13883	

FRM/82/11/3/33943 Rev No. 1 Date 19/01/2022

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
Inoculum (cfu) 10-100	Growth : Good Slant : Acidic,yellowing of medium Butt : Alkaline, red colouring of medium Gas : +ve H2S : -ve	Complies
Organism	<i>Pseudomonas aeruginosa</i> ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good Slant : Alkaline, red colouring of medium Butt : Alkaline, red colouring of medium Gas : -ve H2S : -ve	Complies
Organism	<i>Proteus vulgaris</i> ATCC 13315	
Inoculum (cfu) 10-100	Growth : Good Slant : Alkaline, red colouring of medium Butt : A Gas : -ve H2S : +ve	Complies
Organism	<i>Shigella flexneri</i> ATCC 12022	
Inoculum (cfu) 10-100	Growth : Good Slant : Alkaline, red colouring of medium Butt : Acidic,yellowing of medium Gas : -ve H2S : -ve	Complies
Key	A = acidic, yellow; K = alkaline, no change; Gas = (+) splitting and cracking of the medium, Gas = (-) no splitting and cracking of the medium, H2S = (+) black precipitate; H2S = (-) no black precipitate	

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