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Certificate of Analysis

Product **97354 - Lactose Broth**
Batch No **6280214**
Analysis Date 13-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Cream	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	13.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear	Complies
pH (25°C)	6.9 ± 0.2	7.02, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber, clear without any precipitate	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours.	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good, Gas Production : (+)	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good, Gas Production : (+)	Complies
Organism	Salmonella typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Good, Gas Production : (-)	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good, Gas Production : (-)	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Good, Gas Production : (-)	Complies
Key	(+) : Positive Gas Production (-) : Negative Gas Production	

FRM/82/11/3/97354 Rev No. 1 Date 03/07/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

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