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Certificate of Analysis

Product **38515 - A1 Broth (A-1 Medium)**
Batch No **8301045**
Analysis Date 19-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light cream	Complies
Appearance (Form)	Slightly lumpy, homogeneous powder	Complies
Solubility	31.50 gm/liter	Complies
Solubility before autoclaving (Clarity)	Opalescent	Complies
pH (25°C)	6.9 ± 0.1	6.82 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Opalescent, immediately after autoclaving, becomes clear. On cooling to room temperature, may have presence of slight flocculent precipitate	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light amber	Complies
Cultural Response	Water testing by MPN Method using A1 Broth. Inoculate and incubate at 37°C for 3 hours with the following. Transfer the tubes to 44.5°C water bath for 21± 2 hours.	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Recovery at 35°C : Good w/gas Recovery at 44.5°C : Good w/gas	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Recovery at 35°C : Good Recovery at 44.5°C : Poor to good	Complies
Organism	Bacillus subtilis ATCC 6633	
Inoculum	Recovery at 35°C : Inhibited Recovery at 44.5°C : Inhibited	Complies

FRM/82/11/3/38515 Rev No. 1 Date 21/11/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

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