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Certificate of Analysis

Product **81902 - Tetrathionate Broth Base (I)**
Batch No **7663887**
Analysis Date 03-Jun-2024
Date of Manufacture June 2024
Expiry Date/Re-Test Date June 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off white	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	77.40 gm/liter	Complies
Solubility before boiling (clarity)	Milky white, opaque. On standing, supernatant is colourless to light yellow over a heavy white precipitate	Complies
pH (25°C)	8.4 ± 0.2	8.25 Complies
Prepared medium appearance after boiling (clarity)	Supernatant over a heavy white precipitate. Note : Precipitate settles down on standing	Complies
Prepared medium appearance after boiling (colour)	Light green	Complies
Cultural Response	Inoculate and incubate at 37°C for 24 hours with the following. Subculture on MacConkey and incubate at 37°C for 18-24 hours	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colour on MacConkey Agar : Colourless	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Poor to fair Colour on MacConkey Agar : Pink w/bile precipitate	Complies

FRM/82/11/3/81902 Rev No. 1 Date 05/04/2024

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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