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Certificate of Analysis

Product 37593 - Fraser Broth Base
Batch No 9578769
Analysis Date 11-Jul-2024
Date of Manufacture July 2024
Expiry Date/Re-Test Date July 2027

| Test Parameters | Standards | Actual Results |
|--|--|----------------|
| Appearance (Colour) | Cream, free flowing, homogeneous powder. | Complies |
| Solubility | 28.7 gm/500ml | Complies |
| Solubility before autoclaving (Clarity) | Clear solution with very slight precipitate | Complies |
| pH (25°C) | 7.2 ± 0.2 | 7.02 Complies |
| Prepared Medium Appearance after autoclaving (Clarity) | Clear solution with very slight precipitate | Complies |
| Prepared Medium Appearance after autoclaving (Colour) | Medium amber to amber (without addition of supplement). Medium amber to yellow clear solution with very slight precipitate (after addition of supplement) | Complies |
| Cultural Response | Inoculate and incubate at 35 ± 2°C for 24-48 hrs. | |
| Organism | Listeria monocytogenes ATCC 19118 | |
| Inoculum (cfu) 10-100 | Growth : Good, Esculin Hydrolysis : +(positive, blackening of medium) | Complies |
| Organism | Pseudomonas aeruginosa ATCC 27853 | |
| Inoculum (cfu) 10-100 | >=10 ³ Growth : Inhibited Esculin Hydrolysis : -(negative, no blackening of medium) | Complies |
| Organism | Listeria monocytogenes ATCC 19117 | |
| Inoculum (cfu) 10-100 | Growth : Good, Esculin Hydrolysis : +(positive, blackening of medium) | Complies |
| Organism | Escherichia coli ATCC 25922 | |
| Inoculum | >= 10 ³ Growth : Inhibited Esculin Hydrolysis : -(negative, no blackening of medium) | Complies |

FRM/82/11/3/37593 Rev No. 1 Date 20/10/2021

Prepared by Samrudhi

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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