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Certificate of Analysis

Product **12213 - Anaerobic Agar**
Batch No **3417246**
Analysis Date 02-Jan-2024
Date of Manufacture January 2024
Expiry Date/Re-Test Date January 2027

| Test Parameters | Standards | Actual Results |
|--|---|----------------|
| Appearance (Colour) | Light beige | Complies |
| Appearance (Form) | Free flowing, homogeneous powder | Complies |
| Solubility | 58.00 gm/liter | Complies |
| Solubility before autoclaving (Clarity) | Slightly opalescent | Complies |
| Gel strength | Firm comparable with 2.0 % agar gel | Complies |
| pH (25°C) | 7.2 ± 0.2 | 7.20, Complies |
| Prepared Medium Appearance after autoclaving (Clarity) | Very slightly opalescent, as the medium cools, becomes greenish due to aeration | Complies |
| Prepared Medium Appearance after autoclaving (Colour) | Light amber | Complies |
| Cultural Response | Inoculate and incubate at 37°C for 48 -72 hours | |
| Organism | Clostridium perfringens ATCC 13124 | |
| Inoculum (cfu) 10-100 | Growth : Good Recovery Rate :>=50.0% | Complies |
| Organism | Bacteroides fragilis ATCC 25285 | |
| Inoculum (cfu) 10-100 | Growth : Good Recovery Rate :>=50.0% | Complies |
| Organism | Clostridium sporogenes ATCC 11437 | |
| Inoculum (cfu) 10-100 | Growth : Good Recovery Rate :>=50.0% | Complies |

FRM/82/11/3/12213 Rev No. 2 Date 27/12/2023

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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