



Certificate of Analysis

Product **74664 - Bacillus Cereus Agar**
Batch No **4860085**
Analysis Date 12-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2027

| Test Parameters | Standards | Actual Results |
|--|---|----------------|
| Appearance (Colour) | Cream to greenish yellow | Complies |
| Appearance (Form) | Free flowing, homogeneous powder | Complies |
| Solubility | 40.97 gm/liter | Complies |
| Solubility before autoclaving (Clarity) | Clear to slightly opalescent | Complies |
| Gel strength (1.5% gel) | Firm, comparable with 1.5% Agar gel | Complies |
| pH (25°C) | 7.2 ± 0.2 | 7.39 Complies |
| Prepared Medium Appearance after autoclaving (Clarity) | Clear to slightly opalescent | Complies |
| Prepared Medium Appearance after autoclaving (Colour) | Green. After addition of 5.0% egg yolk emulsion:Yellowish green, opaque | Complies |
| Cultural Response | Inoculate and incubate at 37°C for 24 hours with the following. | |
| Organism | Bacillus cereus ATCC 10876 | |
| Inoculum (cfu) 10-100 | Growth : Good, Recovery rate : >=50.0%, Colony colour :Blue, Egg Yolk Reaction : Precipitation | Complies |
| Organism | Staphylococcus aureus ATCC 25923 | |
| Inoculum (cfu) 10-100 | Growth : Good, Recovery rate : >=50.0%, Colony colour : Yellow, Egg Yolk Reaction : Clearing | Complies |
| Organism | Proteus vulgaris ATCC 13315 | |
| Inoculum (cfu) 10-100 | Growth :Good, Recovery rate : >=50.0%, Colony colour :Green, Egg Yolk Reaction : - | Complies |
| Organism | Escherichia coli ATCC 25922 | |
| Inoculum | >=10 ³ ,Growth : Inhibited | Complies |

FRM/82/11/3/74664 Rev No. 1 Date 12/07/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

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